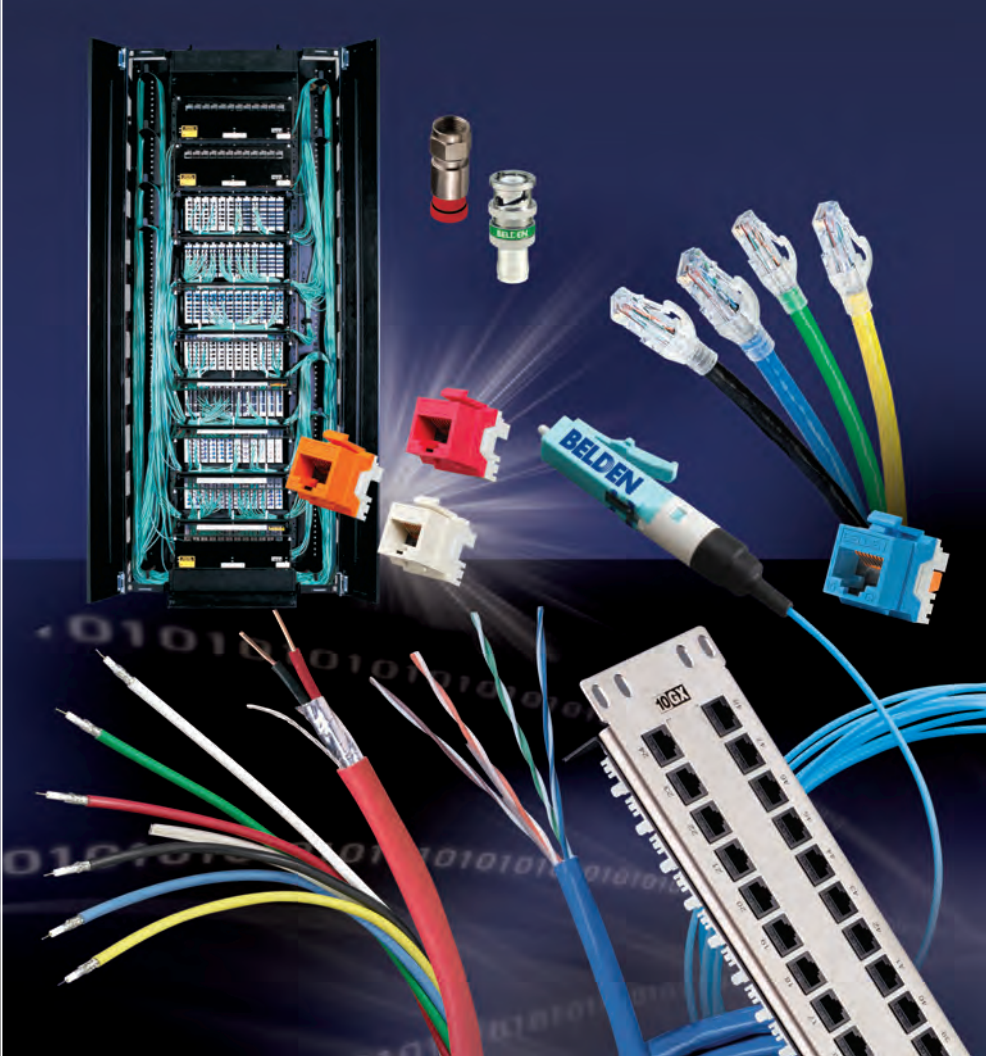




Enterprise Solution Guide



One Enterprise.
One Infrastructure.
One Partner.

**Networking, Audio/Video,
Security, Automation and
Control Products from Belden®**


Selection Guide

		LAN	WLAN	DATA CENTER	SURVEILLANCE	BUILDING AUTOMATION	INTERCOMS	VIDEO SYSTEMS	AUDIO	ALARM	LIGHTING	HVAC	FIRE
Networking Solutions	Page Number	X	X	X	X	X	X	X	X		X		
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CAT6+ (TIA/EIA Category 6)	4	X	X	X	X	X	X	X	X		X		
CAT5E (TIA/EIA Category 5e)	5	X	X	X	X	X	X	X	X		X		
FiberExpress® Field-Installable Connector Solution	6	X		X	X			X					
FiberExpress Splicing Solution	7	X		X	X			X					
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Networking Solutions 10GX (TIA/EIA Category 6A LAN)

10GX KeyConnect™ Modular Jacks (*)

	Color	Part #
	Almond	AX102281
	White	AX102282
	Black	AX102283
	Ivory	AX103073
	Orange	AX104152
	Red	AX104153
	Yellow	AX104154
	Green	AX104155
	Blue	AX104156
	Purple	AX104157

(*) TIA606 and other colors are also available

10GX KeyConnect Patch Panels


	Description	Part #
	KeyConnect, 24 port, 1U (*)	AX103254
	KeyConnect, 48 port, 2U (*)	AX103256
	AngleFlex, 24 port, 1U (**)	AX103248
	AngleFlex, 48 port, 2U (**)	AX103249
	KeyConnect, 24 port, 1U (**)	AX103114
	KeyConnect, 48 port, 1U (**)	AX103121
	KeyConnect, 48 port, 2U (**)	AX103115
	KeyConnect, 72 port, 2U (**)	AX103116

(*) Preloaded (Titanium), (**) Modular patch panels

10GX KeyConnect Jack Colors



10GX Patch Cords (Bonded-Pairs CMR) (*)

	Description	Black	Blue	Gray	White
	2 ft. (0.6 m)	CA21100002	CA21106002	CA21108002	CA21109002
	4 ft. (1.2 m)	CA21100004	CA21106004	CA21108004	CA21109004
	7 ft. (2.1 m)	CA21100007	CA21106007	CA21108007	CA21109007
	10 ft. (3.0 m)	CA21100010	CA21106010	CA21108010	CA21109010
	15 ft. (4.6 m)	CA21100015	CA21106015	CA21108015	CA21109015

(*) Other lengths and colors available

10GX Horizontal Cables (*)

	Description	Bonded-Pair		Nonbonded-Pair	
		Blue	White	Blue	White
	CMR	10GX32 0061000	10GX32 0091000	10GX12 0061000	10GX12 0091000
	CMP	10GX33 D151000	10GX33 0091000	10GX13 D151000	10GX13 0091000


(*) Other colors available

10GX Pre-Terminated Solution

	Cable Assembly (*)	KeyConnect Coupler Patch Panel (Preloaded)	Modular Coupler
	CMR, Black	CA21100xxxA06	24-port, 1U, Titanium
	CMP, Black	CA22100xxxA06	48-port, 2U, Titanium
		AX104141	AX104142
			Black AX104024


(*) Use xxx to specify length in feet—006-050 ft in increments of 1 ft—055-265 ft in increments of 5 ft

KeyConnect Adapters & Blanks

	Description	Almond	Elec. White	Black
	Modular Furniture Adapter, 4-Port (*)	AX103926	AX102900	AX102901
	Decora Adapter, 4-Port (*)	AX103927	AX102266	AX102267
	106 Adapter, 4-Port (*)	AX104123	AX104124	AX104125
	Blank Insert	AX102261	AX102262	AX102263

(*) Other configurations (i.e. numbers of ports) available

KeyConnect Faceplates

	Description	Almond (*)	Elec. White (*)	Stainless Steel (*)	Stainless Steel (**)
	1-Port, Single Gang	AX103922	AX102660		AX102006
	2-Port, Single Gang	AX103923	AX102655	AX104231	AX102007
	3-Port, Single Gang	AX103924	AX102661		AX102008
	4-Port, Single Gang	AX102248	AX102249	AX104232	AX102009
	6-Port, Single Gang	AX102250	AX102251	AX104233	AX102010
	4-Port, Double Gang			AX104479	AX102011
	6-Port, Double Gang	AX102670	AX102671	AX104480	AX102012
	12-Port, Double Gang	AX102256	AX102257	AX104234	AX102013
	Wall Mount Phone Plates				AX102005
	Wall Mount Phone Plates Recessed Port			AX102902	
	Single-gang Back Box, 1.89 in.	AX104127	AX102657		
	Double-gang Back Box, 1.89 in.	AX104130	AX104131		

(*) With ID window, (**) Without ID window


Networking Solutions—CAT6+ (TIA/EIA Category 6 LAN)

CAT6+ KeyConnect Modular Jacks (*)

	Color	Part #
	Almond	AX101319
	White	AX101320
	Black	AX101321
	Ivory	AX103076
	Orange	AX104189
	Red	AX104190
	Yellow	AX104191
	Green	AX104192
	Blue	AX104193
	Purple	AX104194

(*) TIA606 and other colors are also available

CAT6+ KeyConnect Patch Panels


	Description	Part #
	KeyConnect, 24 port, 1U (*)	AX103253
	KeyConnect, 48 port, 2U (*)	AX103255
	AngleFlex, 24 port, 1U (**)	AX103248
	AngleFlex, 48 port, 2U (**)	AX103249
	KeyConnect, 24 port, 1U (**)	AX103114
	KeyConnect, 48 port, 1U (**)	AX103121
	KeyConnect, 48 port, 2U (**)	AX103115
	KeyConnect, 72 port, 2U (**)	AX103116

(*) Preloaded, (**) Modular patch panels

CAT6+ KeyConnect Jack Colors




CAT6+ Patch Cords (Bonded-Pairs CMR) (*)

	Description	Black	Blue	Gray	White
	2 ft. (0.6 m)	C601100002	C601106002	C601108002	C601109002
	4 ft. (1.2 m)	C601100004	C601106004	C601108004	C601109004
	7 ft. (2.1 m)	C601100007	C601106007	C601108007	C601109007
	10 ft. (3.0 m)	C601100010	C601106010	C601108010	C601109010
	15 ft. (4.6 m)	C601100015	C601106015	C601108015	C601109015

(*) Other lengths and colors available

CAT6+ Horizontal Cables (*)

	Description	Bonded-Pair		Nonbonded-Pair	
		Blue	White	Blue	White
	3600 Solution - CMR	3632 006A1000	3632 009A1000	3612 006A1000	3612 009A1000
	3600 Solution - CMP	3633 D15A1000	3633 009A1000	3613 D15A1000	3613 009A1000
	2400 Solution - CMR	1872A 006A1000	1872A 009A1000	2412 006A1000	2412 009A1000
	2400 Solution - CMP	1874A D15A1000	1874A 009A1000	2413 D15A1000	2413 009A1000


(*) Other colors available

3600 Pre-Terminated Solution

	Cable Assembly (*)	KeyConnect Coupler Patch Panel (Preloaded)	Modular Coupler
	CMR, Black C601106xxxA06	24-port, 1U, Titanium AX104227	Black AX104215
	CMP, Black C602106xxxA06	48-port, 2U, Titanium AX104228	


KeyConnect Adapters & Blanks

(*) Use xxx to specify length in feet—006-050 ft in increments of 1 ft—055-265 ft in increments of 5 ft

	Description	Almond	Elec. White	Black
	Modular Furniture Adapter, 4-Port (*)	AX103926	AX102900	AX102901
	Decora Adapter, 4-Port (*)	AX103927	AX102266	AX102267
	106 Adapter, 4-Port (*)	AX104123	AX104124	AX104125
	Blank Insert	AX102261	AX102262	AX102263

(*) Other configurations (i.e. numbers of ports) available

KeyConnect Faceplates


	Description	Almond (*)	Elec. White (*)	Stainless Steel (*)	Stainless Steel (**)
	1-Port, Single Gang	AX103922	AX102660		AX102006
	2-Port, Single Gang	AX103923	AX102655	AX104231	AX102007
	3-Port, Single Gang	AX103924	AX102661		AX102008
	4-Port, Single Gang	AX102248	AX102249	AX104232	AX102009
	6-Port, Single Gang	AX102250	AX102251	AX104233	AX102010
	4-Port, Double Gang			AX104479	AX102011
	6-Port, Double Gang	AX102670	AX102671	AX104480	AX102012
	12-Port, Double Gang	AX102256	AX102257	AX104234	AX102013
	Wall Mount Phone Plates				AX102005
	Wall Mount Phone Plates Recessed Port		AX102902		
	Single-gang Back Box, 1.89 in.	AX104127	AX102657		
	Double-gang Back Box, 1.89 in.	AX104130	AX104131		

(*) With ID window, (**) Without ID window



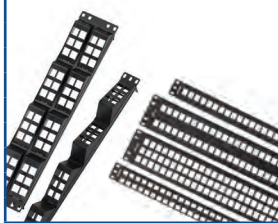
Networking Solutions—CAT5E (TIA/EIA Category 5e LAN)

CAT5E KeyConnect Modular Jacks (*)

	Color	Part #
	Almond	AX101308
	White	AX101309
	Black	AX101310
	Ivory	AX103079
	Orange	AX104182
	Red	AX104183
	Yellow	AX104184
	Green	AX104185
	Blue	AX104186
	Purple	AX104187

(*) TIA606 and other colors are also available

CAT5E KeyConnect Patch Panels


	Description	Part #
	HD-110, 24 port, 1U (*)	AX103258
	HD-110, 48 port, 2U (*)	AX103259
	AngleFlex, 24 port, 1U (**)	AX103248
	AngleFlex, 48 port, 2U (**)	AX103249
	KeyConnect, 24 port, 1U (**)	AX103114
	KeyConnect, 48 port, 1U (**)	AX103121
	KeyConnect, 48 port, 2U (**)	AX103115
	KeyConnect, 72 port, 2U (**)	AX103116

(*) Preloaded, (**) Modular patch panels

CAT5E KeyConnect Jack Colors



CAT5E Patch Cords (Bonded-Pairs CMR) (*)

	Description	Black	Blue	Gray	White
	2 ft. (0.6 m)	C501100002	C501106002	C501108002	C501109002
	4 ft. (1.2 m)	C501100004	C501106004	C501108004	C501109004
	7 ft. (2.1 m)	C501100007	C501106007	C501108007	C501109007
	10 ft. (3.0 m)	C501100010	C501106010	C501108010	C501109010
	15 ft. (4.6 m)	C501100015	C501106015	C501108015	C501109015


(*) Other lengths and colors available

Horizontal Cable

	Description	Bonded-Pair		Nonbonded-Pair	
		Blue	White	Blue	White
	1200 Solution - CMR	1700A 006U1000	1700A 009U1000	1212 006U1000	1212 009U1000
	1200 Solution - CMP	1701A D15U1000	1701A 009U1000	1213 D15U1000	1213 009U1000


(*) Other colors available

KeyConnect Adapters & Blanks

	Description	Almond	Elec. White	Black
	Modular Furniture Adapter, 4-Port (*)	AX103926	AX102900	AX102901
	Decora Adapter, 4-Port (*)	AX103927	AX102266	AX102267
	106 Adapter, 4-Port (*)	AX104123	AX104124	AX104125
	Blank Insert	AX102261	AX102262	AX102263

(*) Other configurations (i.e. numbers of ports) available

KeyConnect Faceplate

	Description	Almond (*)	Elec. White (*)	Stainless Steel (*)	Stainless Steel (**)
	1-Port, Single Gang	AX103922	AX102660		AX102006
	2-Port, Single Gang	AX103923	AX102655	AX104231	AX102007
	3-Port, Single Gang	AX103924	AX102661		AX102008
	4-Port, Single Gang	AX102248	AX102249	AX104232	AX102009
	6-Port, Single Gang	AX102250	AX102251	AX104233	AX102010
	4-Port, Double Gang			AX104479	AX102011
	6-Port, Double Gang	AX102670	AX102671	AX104480	AX102012
	12-Port, Double Gang	AX102256	AX102257	AX104234	AX102013
	Wall Mount Phone Plates				AX102005
	Wall Mount Phone Plates Recessed Port		AX102902		
	Single-gang Back Box, 1.89 in.	AX104127	AX102657		
	Double-gang Back Box, 1.89 in.	AX104130	AX104131		

(*) With ID window, (**) Without ID window

Networking Solutions – FiberExpress Field-Installable Connector Solution

FiberExpress Brilliance® Connectors

Description	OM1 (62.5 μm)	OM2 (50 μm)	OM3-OM4 (50 μm)	Single-mode
LC for 900 μm tight buffer	AX104240-S1	AX104241-S1	AX104242-S1	AX104243-S1
SC for 900 μm tight buffer	AX104244-S1	AX104245-S1	AX104246-S1	AX104247-S1
LC for jacketed 2.0 & 3.0 mm	AX104254-S1	AX104255-S1	AX104256-S1	AX104257-S1
SC for jacketed 2.0 & 3.0 mm	AX104258-S1	AX104259-S1	AX104260-S1	AX104261-S1
Field Installation Tool Kit	AX104270			
Precision Installation Tool Kit	AX104271			

FiberExpress Ultra Patch Panels

Description	Part #	Patch Panel Capacity
1U Rack-mount, 19"	AX103143	4 frames
4U Rack-mount, 19"	AX103267	12 frames
Wall-mount	AX103928	2 frames

FiberExpress Ultra Frames

Description	OM1 (62.5 μm)	OM2 (50 μm)	OM3-OM4 (50 μm)	Single-mode
LC Duplex, 6 fibers	AX103387	AX103443	AX103457	AX103476
LC Duplex, 12 fibers	AX103408	AX103449	AX103463	AX103502
LC Duplex, 24 fibers	AX103424	AX103451	AX103465	AX103519
SC Simplex, 6 fibers	AX103383	AX103439	AX103453	AX103468
SC Duplex, 6 fibers	AX103385	AX103441	AX103455	AX103470
SC Simplex, 12 fibers	AX103404	AX103445	AX103459	AX103494
SC Duplex, 12 fibers	AX103406	AX103447	AX103461	AX103496
Blank Frame	AX103862			

FiberExpress Duplex Patch Cords

Description	OM1 (62.5 μm)	OM2 (50 μm)	OM3 (50 μm)	OM4 (50 μm)	Single-mode
LC Duplex - LC Duplex, 2 m (6 ft)	AX200517	AX200527	AX200664	AX203651	AX200507
LC Duplex - LC Duplex, 3 m (10 ft)	AX200518	AX200528	AX200665	AX202416	AX200508
LC Duplex - LC Duplex, 5 m (16 ft)	AX200519	AX200529	AX200666	AX203652	AX200509
SC Duplex - SC Duplex, 2 m (6 ft)	AX200056	AX200084	AX200603	AX203899	AX203908
SC Duplex - SC Duplex, 3 m (10 ft)	AX200057	AX200082	AX200589	AX203900	AX202523
SC Duplex - SC Duplex, 5 m (16 ft)	AX200058	AX200280	AX200624	AX203901	AX203909

FiberExpress Cables

Description			6 fibers	12 fibers	24 fibers	48 fibers
Indoor	Distribution Tight buffer	Riser	B9X039	B9X042	B9X601	B9X606
		Plenum	B9X045	B9X048	B9X611	B9X616
	Breakout 2.0 mm units	Riser	B9X007	B9X010	B9X012	–
		Plenum	B9X015	B9X018	B9X020	–
	Interlocked Armor Dist.	Riser	B9X230	B9X231	B9X232	B9X235
		Plenum	B9X240	B9X241	B9X242	B9X245
Outdoor	Loose Tube	B9X152	B9X155	B9X500T	B9X505T	
Indoor / Outdoor	Tight buffer	Riser	B9X039T	B9X042T	B9X601T	B9X606T
		Plenum	B9X045T	B9X048T	B9X611T	B9X616T
	Loose Tube	Riser	B9X810	B9X811	B9X812	B9X814
		Plenum	B9X202	B9X204	B9X205	B9X207

FiberExpress Breakout Kit

Description	Part #
6 fibers, 1/pack	AX101100
12 fibers, 1/pack	AX101101

Where X is replaced by:


OM1	OM2	OM3	OM4	Single-mode
B	A	C	E	W

Other connector and adapter types are available
Other patch cord combinations and lengths are available



Networking Solutions – FiberExpress Splicing Solution

FiberExpress Ultra Patch Panels

	Description		Part #	Patch Panel Capacity	
	1U Rack-mount, 19"		AX103143	4 frames	2 x 12" splice tray
4U Rack-mount, 19"		AX103267	12 frames	8 x 8" splice tray	
Wall-mount		AX103928	2 frames	2 x 8" splice tray	


FiberExpress Ultra Splice Trays

	Description	Part #	Splice Tray Capacity
	8" Splice Tray Kit	AX103912	24 fusion splices
12" Splice Tray Kit	AX103914	36 fusion splices	


FiberExpress Fusion Splice Protectors

Description	Part #
250 µm to 250 µm, Yellow	AX101169
900 µm to 250 µm, Blue	AX101170
900 µm to 900 µm, Green	AX101171

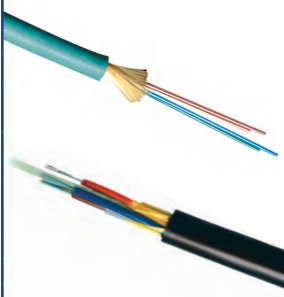
FiberExpress Ultra Frames with Pigtailed

	Description	OM1 (62.5 µm)	OM2 (50 µm)	OM3 (50 µm)	Single-mode
	LC Duplex w/pigtails, 6 fibers	AX103539	AX103553	AX103567	AX103599
LC Duplex w/pigtails, 12 fibers	AX103545	AX103559	AX103573	AX103611	
LC Duplex w/pigtails, 24 fibers	AX103547	AX103561	AX103575	AX103615	
SC Simplex w/pigtails, 6 fibers	AX103535	AX103549	AX103563	AX103591	
SC Duplex w/pigtails, 6 fibers	AX103537	AX103551	AX103565	AX103593	
SC Simplex w/pigtails, 12 fibers	AX103541	AX103555	AX103569	AX103603	
SC Duplex w/pigtails, 12 fibers	AX103543	AX103557	AX103571	AX103605	
Blank Frame	AX103862				

FiberExpress Duplex Patch Cords

	Description	OM1 (62.5 µm)	OM2 (50 µm)	OM3 (50 µm)	Single-mode
	LC Duplex - LC Duplex, 2 m (6 ft)	AX200517	AX200527	AX200664	AX200507
LC Duplex - LC Duplex, 3 m (10 ft)	AX200518	AX200528	AX200665	AX200508	
LC Duplex - LC Duplex, 5 m (16 ft)	AX200519	AX200529	AX200666	AX200509	
SC Duplex - SC Duplex, 2 m (6 ft)	AX200056	AX200084	AX200603	AX203908	
SC Duplex - SC Duplex, 3 m (10 ft)	AX200057	AX200082	AX200589	AX202523	
SC Duplex - SC Duplex, 5 m (16 ft)	AX200058	AX200280	AX200624	AX203909	

FiberExpress Cables


	Description		6 fibers	12 fibers	24 fibers	48 fibers
	Indoor	Distribution Tight buffer	Riser	B9X039	B9X042	B9X601
Plenum			B9X045	B9X048	B9X611	B9X616
Breakout		Riser	B9X007	B9X010	B9X012	–
		Plenum	B9X015	B9X018	B9X020	–
Interlocked Armor Dist.	Riser	B9X230	B9X231	B9X232	B9X235	
	Plenum	B9X240	B9X241	B9X242	B9X245	
Outdoor	Loose Tube		B9X152	B9X155	B9X500T	B9X505T
Indoor / Outdoor	Tight buffer	Riser	B9X039T	B9X042T	B9X601T	B9X606T
		Plenum	B9X045T	B9X048T	B9X611T	B9X616T
	Loose Tube	Riser	B9X810	B9X811	B9X812	B9X814
		Plenum	B9X202	B9X204	B9X205	B9X207

Where X is replaced by:	OM1	OM2	OM3	Single-mode
	B	A	C	W


Other connector and adapter types are available
Other patch cord combinations and lengths are available

Networking Solutions – FiberExpress MPO Pre-Terminated Solution

FiberExpress Type “C” MPO 568-C.3 Cross-Over Assemblies

	Description	OM1 (62.5 μm)	OM3 (50 μm)	Single-mode
	MPO(f) - MPO(f), 12 fibers, 10 m	AX250849	AX250780	AX250850
	MPO(f) - MPO(f), 12 fibers, 50 m	AX250851	AX250852	AX250853
	MPO(f) - MPO(f), 12 fibers, 100 m	AX250854	AX250855	AX250856
	MPO(f) - MPO(f), 24 fibers, 10 m	AX203914	AX203915	AX203916
	MPO(f) - MPO(f), 24 fibers, 50 m	AX203917	AX203593	AX203918
	MPO(f) - MPO(f), 24 fibers, 100 m	AX203919	AX203920	AX203921

FiberExpress Type “A” MPO 568-C.3 Straight Assemblies

	Description	OM1 (62.5 μm)	OM3 (50 μm)	Single-mode
	MPO(f) - MPO(f), 12 fibers, 10 m	AX250021	AX250457	AX250224
	MPO(f) - MPO(f), 12 fibers, 50 m	AX250349	AX250387	AX250071
	MPO(f) - MPO(f), 12 fibers, 100 m	AX250061	AX250458	AX250073
	MPO(f) - MPO(f), 24 fibers, 10 m	AX203922	AX203579	AX203565
	MPO(f) - MPO(f), 24 fibers, 50 m	AX203923	AX203924	AX203925
	MPO(f) - MPO(f), 24 fibers, 100 m	AX203926	AX203927	AX203928

FiberExpress Ultra Patch Panels

	Description	Part #	Patch Panel Capacity
	1U Rack-mount, 19"	AX103143	4 cassettes
	4U Rack-mount, 19"	AX103267	12 cassettes
	Wall-mount	AX103928	2 cassettes


FiberExpress Ultra Cassettes

	Description	OM1 (62.5 μm)	OM3 (50 μm)	Single-mode
	LC Duplex - MPO(m), 12 fibers	AX103641	AX103713	AX103821
	LC Duplex - MPO(m), 24 fibers	AX103657	AX103729	AX103837
	SC Duplex - MPO(m), 12 fibers	AX103639	AX103711	AX103819

FiberExpress Ultra Frames

	Description	Part #
	6 MPO adapters, 72 fibers	AX103901
	Blank Frame	AX103862

FiberExpress Duplex Patch Cords

	Description	OM1 (62.5 μm)	OM3 (50 μm)	Single-mode
	LC Duplex - LC Duplex, 2 m (6 ft)	AX200517	AX200664	AX200507
	LC Duplex - LC Duplex, 3 m (10 ft)	AX200518	AX200665	AX200508
	LC Duplex - LC Duplex, 5 m (16 ft)	AX200519	AX200666	AX200509
	SC Duplex - SC Duplex, 2 m (6 ft)	AX200056	AX200603	AX203908
	SC Duplex - SC Duplex, 3 m (10 ft)	AX200057	AX200589	AX202523
	SC Duplex - SC Duplex, 5 m (16 ft)	AX200058	AX200624	AX203909

Other MPO assembly combinations and lengths are available
Other cassette types are available
Other patch cord combinations and lengths are available



Audio/Video Solutions

CATV Coax & Twinax

Description	Cable		Connectivity			
	Non-Plenum	Plenum	SNS F-Male	SNS-BNC	ICM F-Male	ICM-BNC
Non-Plenum — RG-6 18 AWG Solid BC F+60% ALB Dual CM PVC	1841AC		SNS1P6	SNS1P6BNC	DB6U	DB6BNCU
Non-Plenum — RG-6 18 AWG Solid CCS F+60% ALB DBS PVC	1829A		SNS1P6	SNS1P6BNC	DB6U	DB6BNCU
Non-Plenum — RG-6 18 AWG Solid CCS Foil+60% Alum Braid CM/CATV	9116		SNS1P6	SNS1P6BNC	DB6U	DB6BNCU
Non-Plenum — RG-6 18 AWG Solid CCS Quad Shield CM DBS PVC	1189A		SNS1P6QS	SNS1P6QSBNC	DB6U	DB6BNCU
Non-Plenum — RG-62A/U 22 AWG Solid CCS 95% BCB CL2	9269					
Non-Plenum — Twinax-Blue Hose® 78 OHM CM, CL2	9463					
Plenum — RG-6 18 AWG Solid CCS Quad Shield DBS		1189AP				
Plenum — RG-62A/U 22 AWG Solid CCS 93% BCB		82269				
Plenum — Twinax-Blue Hose 78 OHM CL2P Lt.		89463				

CCTV Coax

Description	Cable		Connectivity			
	Non-Plenum	Plenum	SNS F-Male	SNS-BNC	ICM F-Male	ICM-BNC
Aluminum Braid, Non-Plenum — RG-6 18 AWG Solid BC F+60% ALB PVC	5339B5				DB6U	DB6BNCU
Aluminum Braid, Non-Plenum — RG-6 18 AWG Solid BC Quad Shield CM PVC	5339Q5		SNS1P6QS	SNS1P6QSBNC	DB6U	DB6BNCU
Aluminum Braid, Plenum — RG-6 18 AWG Solid BC F+90% ALB		633938			DB6U	DB6BNCU
Copper Braid, Non-Plenum — RG-59 20 AWG Solid BC 95% BCB CM CCTV PVC	543945			SNSB59A	DB6U	DB6BNCU
Copper Braid, Plenum — RG-59 20 AWG Solid BC 95% BCB		643948		SNSB59PB	DB6U	DB6BNCU
Copper Braid, Plenum — RG-6 18 AWG Solid BC 95% BCB		633948			DB6U	DB6BNCU
Copper Braid, Plenum — RG-6 18 AWG Solid BC Quad Shield		6339Q8	SNS1P6	SNS1P6BNC	DB6U	DB6BNCU

Composite AV

Description	Cable		Connectivity			
	Non-Plenum	Plenum	SNS F-Male	SNS-BNC	ICM F-Male	ICM-BNC
24-4-Pair C5 Bonded + RG-6 Quad Siamese	7912A					
24-4-Pair C5e Bonded + 16-4 Cond BC Stranded Keypad Cable	7950A					
Mini RG-59 (25 AWG) + 2 Cond 20 AWG Siamese	579945	679948				
RG-6/U + 2 Cond 18 AWG (Siamese)	539945	639948				
RG-59 + 2 Cond 18 AWG (Siamese)	549945	649948				
24-2-Pair UTP Cat5e + 16-1-Pair Unshielded (Siamese)	5284US	6284US				
23-2-Pair UTP Cat5e + 16-1-Pair Unshielded (Round)	5284UE	6284UE				
2-RG-6 + 2-4-Pair C5e + 2 Fiber MM Banana Peel Jacketless	7914S		SNS1P6QS	SNS1P6QSBNC		
2-RG-6 + 2-4-Pair C5e Banana Peel Jacketless	7913S		SNS1P6QS	SNS1P6QSBNC		
Water Blocked 24-2-Pair Cat 5 + 16-1-Pair Unshielded (round)	YM49032					

SDI Video Coax Cables

Description	Non-Plenum	Plenum
18 AWG SDI Coax, RG6 size	1694A	1695A
23 AWG SDI Coax, Mini RG59 size	1855A	1855P
20 AWG SDI Coax, RG59 size	1505A	1506A
(5) 23 AWG SDI Mini RG59 (1855A), w/overall jacket	7789A	
(5) 20 AWG SDI RG59 (1505A), w/overall jacket	7796A	


RGB Cables

Description	Non-Plenum	Plenum
(3) 25 AWG Mini Hi-Res Coax, w/overall jacket	1277R	1277P
(4) 25 AWG Mini Hi-Res Coax, w/overall jacket	1278R	1278P
(5) 25 AWG Mini Hi-Res Coax, w/overall jacket	1279R	1279P
(6) 25 AWG Mini Hi-Res Coax, w/overall jacket	1280R	1280P


Other cable configurations are available

Audio/Video Solutions continued

Audio & Control (2/C) Cables

	Description		Non-Plenum	Plenum		Description		Non-Plenum	Plenum
	1 STP 18 AWG 30 pF/ft, FS + TC DW		8760	82760		2 TP 22 AWG, PVC Insulation / pairs cabled, O/A shield		5541FE	6541FE
	1 STP 18 AWG BC 65 pF/ft, FS + TC DW TP		5300FE	6300FE		2 STP 22 AWG, Individual jackets, Dual 1503A, Zip cord design		1504A	
	1 STP 22 AWG 35 pF/ft, FS, 22 AWG DW		9451	9451P		2 STP 22 AWG, Individual jackets, Dual 9451, Zip cord design		9451D	9451DP
	1 STP 22 AWG 34 pF/ft, FS, 22 AWG DW paper, PP/SR-PVC		8451			2 STP 22 AWG TC, (2 pr OAS = 5541FE)		8723	
	1 STP 16 AWG BC, 76 pF/ft, FS + TC DW TP		5200FE	6200FE		4/C 22 AWG Shielded		5502FE	6502FE
	1 STP 22 AWG BC, FS + TC DW TP		5500FE	6500FE		6/C 22 AWG Shielded		5504FE	6504FE
	1 STP 22 AWG 24 pF/ft, FS, 22 AWG DW		8761	82761		3/C 22 AWG Shielded		5501FE	6501FE
	1 STP 22 AWG 24 pF/ft, FS, 22 AWG DW			88761		3 STP 22 AWG TC, (3 pr OAS = 5542FE)		8777	
	1 STP 16 AWG 23 pF/ft, FS, 18 AWG DW PE/PVC		8719			8/C 22 AWG Shielded		5506FE	6506FE
	1 STP 20 AWG 27 pF/ft, FS, 20 AWG DW PE/PVC		8762			4/C 18 AWG Shielded		5302FE	6302FE
	1 STP 22 AWG BC, 56 pF/ft, FS + TC DW TP		5400FE	6400FE		3/C 18 AWG Shielded		5301FE	
	1 STP 14 AWG BC, 83 pF/ft, FS + TC DW TP/PVC		5100FE			6/C 18 AWG Shielded		5304FE	6304FE
	1 STP 14 AWG 24 pF/ft, FS, 16 AWG DW PE/PVC		8720			2 TP 18 AWG O/A Shielded		5341FE	
	2 STP 22 AWG ea. pr FS, shared 24 AWG DW		8723	82723					
	2 STP 22 AWG ea. pr FS, shared 24 AWG DW			88723					


Speaker Cables

	Description (Non-Plenum)		Non-Plenum	Plenum	Description (Plenum)	
	2/C 18 AWG 7 strand BC, PP Insulation, PVC Jacket, CMR		5300UE	6300UE	2/C 18 AWG 7 strand BC, LS-PVC Insulation and Jacket, CMP	
	2/C 16 AWG 7 strand BC, PP Insulation, PVC Jacket, CMR		5200UE	6200UE	2/C 16 AWG 19 strand BC, LS-PVC Insulation and Jacket, CMP	
	2/C 16 AWG 7 strand TC, PVC Insulation and Jacket, CMG, Heavy Duty		8471			
	2/C 22 AWG 7 strand BC, PP Insulation, PVC Jacket, CMR		5500UE			
	2/C 22 AWG 7 strand TC, PVC Insulation and Jacket, CMG, Heavy Duty		8442			
	2/C 14 AWG 7 strand BC, PP Insulation, PVC Jacket, CMR		5100UE	6100UE	2/C 14 AWG 19 strand BC, LS-PVC Insulation and Jacket, CL2P	
	2/C 18 AWG 7 strand TC, PVC Insulation and Jacket, CMG, Heavy Duty		8461			
	2/C 12 AWG 19 strand BC, PP Insulation, PVC Jacket, CMR		5000UE	6000UE	2/C 12 AWG 19 strand BC, LS-PVC Insulation and Jacket, CL2P	
	2/C 20 AWG 7 strand BC, PP Insulation, PVC Jacket, CMR		5400UE			
	2/C 20 AWG 7 strand TC, PVC Insulation and Jacket, CMG, Heavy Duty		8205			
				6302UE	4/C 18 AWG 7 strand BC, LS-PVC Insulation and Jacket, CMP	
	4/C 16 AWG 7 strand BC, PP Insulation, PVC Jacket, CMR		5202UE	6202UE	4/C 16 AWG 19 strand BC, LS-PVC Insulation and Jacket, CMP	
	4/C 14 AWG 7 strand BC, PP Insulation, PVC Jacket, CMR		5102UE	6102UE	4/C 14 AWG 19 strand BC, LS-PVC Insulation and Jacket, CL2P	
				6002UE	4/C 12 AWG 19 strand BC, LS-PVC Insulation and Jacket, CL2P	
	4/C 16 AWG 65 strand OFHC, Low Cap, Direct Burial, PO/PVC Jacket, CMR		1308A			

KeyConnect Multimedia Adapter Modules

	Description	Almond	Elec. White	Black
	Video F, Recessed		AX102903	AX102904

KeyConnect Faceplates

	Description	Almond (*)	Elec. White (*)	Stainless Steel (*)	Stainless Steel (**)
	1-Port, Single Gang		AX103922	AX102660	
2-Port, Single Gang		AX103923	AX102655	AX104231	AX102007
3-Port, Single Gang		AX103924	AX102661		AX102008
4-Port, Single Gang		AX102248	AX102249	AX104232	AX102009
6-Port, Single Gang		AX102250	AX102251	AX104233	AX102010
4-Port, Double Gang				AX104479	AX102011
6-Port, Double Gang		AX102670	AX102671	AX104480	AX102012
12-Port, Double Gang		AX102256	AX102257	AX104234	AX102013
Wall Mount Phone Plates					AX102005
Wall Mount Phone Plates Recessed Port			AX102902		
Single-gang Back Box, 1.89 in.		AX104127	AX102657		
Double-gang Back Box, 1.89 in.		AX104130	AX104131		

(*) With ID window, (**) Without ID window



Security, Automation and Control Solutions

Access Control Cables

(Composite cables for lock power, card reader, door contact, and REX applications)

Description	CMP	CMR
18-3-Pair Shield + 16-4 Cond Shield + 18-2 Cond Shield + 18-4 Cond Shield, Banana Peel Jacketless	638AFS	538AFS
22-3-Pair Shield + 18-4 Cond Shield + 22-2 Cond Shield + 22-4 Cond Shield, Banana Peel Jacketless	658AFS	558AFS
22-3-Pair Shield + 18-4 Cond Shield + 22-2 Cond Shield + 22-4 Cond Shield, Overall Jacket	658AFJ	558AFJ
22-6 Cond Shield + 18-4 Cond + 22-2 Cond + 22-4 Cond, Banana Peel Jacketless	658GMS	558GMS
22-6-Pair Shield + 18-4 Cond Shield + 22-2 Cond Shield, Overall Jacket	658GFS	558GFS

Security, Alarm, Sound Cables

Description	Unshielded CMP	Unshielded CMR	Shielded CMP	Shielded CMR
14 AWG-2 Cond Stranded	6100UE	5100UE		
16 AWG-2 Cond Stranded	6200UE	5200UE	6200FE	5200FE
16 AWG-4 Cond Stranded/65		5202UP		
18 AWG-2 Cond Stranded	6300UE		6300FE	5300FE
18 AWG-4 Cond Stranded		5302UE	6302FE	5302FE
18 AWG-6 Cond Stranded			6304FE	5304FE
20 AWG-4 Cond Stranded	6402UE	5402UE		
22 AWG-2 Cond Stranded	6500UE		6500FE	5500FE
22 AWG-4 Cond Stranded	6502UE		6502FE	5502FE
22 AWG-6 Cond Stranded		5504UE	6504FE	5504FE

Fire Alarm Cables

Description	Unshielded CMP	Unshielded CMR	Shielded CMP	Shielded CMR
2 c / 18 AWG unshielded (FPL)	6320UL	5320UL	6320FL	5320FL
2 c / 16 AWG unshielded (FPL)	6220UL	5220UL	6220FL	5220FL
2 c / 14 AWG unshielded (FPL)	6120UL	5120UL	6120FL	5120FL
2 c / 12 AWG unshielded (FPL)	6020UL	5020UL	6020FL	5020FL

Circuit Integrity Cables (Safe-T-Line®)

Description	CIC	CI
2 c solid / 18 AWG unshielded (FPLR-CI or FPLR-CIC)	5320UZ	5320UM
2 c stranded / 18 AWG shielded (FPLR-CI or FPLR-CIC)	5300FZ	5300FM
2 c solid / 16 AWG unshielded (FPLR-CI or FPLR-CIC)	5220UZ	5220UM
2 c stranded / 16 AWG shielded (FPLR-CI or FPLR-CIC)	5200FZ	5200FM
2 c solid / 14 AWG unshielded (FPLR-CI or FPLR-CIC)	5120UZ	5120UM
2 c stranded / 14 AWG shielded (FPLR-CI or FPLR-CIC)	5100FZ	5100FM

Commercial Automation and Lighting Control Cables


Description	CMP	CMR
1 STP 22 AWG data + 2/C 18 power (Axlink® type)	1502P	1502R
1 pair DMX	82841	9841

HVAC Thermostat Cables


Description	CMP	CMR
16 AWG - 1 pair Stranded Shielded	6340FT	5340FT
22 AWG - 1 pair Stranded Shielded	6540FT	5540FT
24 AWG - 1 pair Solid Shielded	6660FT	5660FT

Cable Management Solutions

Stand Alone Enclosures


	Description (H x W x D)	Model	RU	Width "	Depth "	Part #
	84" x 29" x 30" Black, 19" MTG, Vented Top, Perf Front & Rear w/Sides	XST	25, 39, 42, 45	29	30	XST84-3-154420
	84" x 29" x 34" Black, 19" MTG, Vented Top, Perf Front & Rear w/Sides	XDP	25, 39, 42, 45	29	34	XDP84-3-154420
	78" x 24" x 30" Black, 19" MTG, Vented Top, Perf Front & Rear w/Sides	XSL	25, 39, 42, 45	24	30	XSL78-3-154420
	84" x 24" x 36" Black, 19" MTG, Perf Top, Rigid Perf Front, Perf Rear, w/Sides	XUS	42,45	24	36	XUS84-3-115420
	84" x 24" x 42" Black, 19" MTG, Perf Top, Rigid Perf Front, Perf Rear, w/Sides	XUSD	45	24	42	XUSD84-3-112320
	47U x 19.9" x 24" Black, 19" MTG, Frame Only	XSF	10-48	19	36	XSF47-24-100000
	45U x 22" x 24" Black, 19" MTG, Vented Top, Vented Front and Rear, Flush Mount Sides	XMF	11-57	22	24, 30, 36, 40	XMF45241222200
	44U x 22" x 26" Black, 19" MTG, Vented Top, Solid Rear, Sides	XME	24-44	22	20, 26.5	XME442620210
	44U x 22" x 36" Black, 19" MTG, Vented Top, Perf Front, Perf Rear, Sides	XMER	24-44	22	26.5, 31.5, 36	XMER4436233200

2 and 4 Post Racks

	Description (H x W x D)	Model	RU	MTG	Depth "	Screw	Type	Part #
	84" x 19" x 3" Channel Knock Down	BHRR	45	19		12-24	Alum	BHRR194
	84" x 19" x 6" Channel Knock Down	BHRR	45	19		12-24	Alum	BHRR6194
	84" x 23" x 3" Channel Knock Down	BHRR	45	23		12-24	Alum	BHRR234
	84" x 19" x 3" Channel Knock Down	XDR	44	19		12-24	Steel	XDR8419-312
	84" x 19" x 3" Channel Knock Down	XDR	44	19		10-32	Steel	XDR8419-310
	84" x 19" x 3" Channel Welded	XDR	44	19		10/12	Steel	XDR8419-310W
	84" x 23" x 3" Channel Welded	XDR	44	23		10/12	Steel	XDR8423-31#W
	84" x 19" x 6" Channel Seismic	XDR	44	19		10-32	Steel	XDRS8419-610
	84" x 19" x 3" Channel 4 Post Knock Down	XDR	44	19	24, 28, 32, 36	10/12	Steel	XDR8419-3#XXX
84" x 23" x 3" Channel 4 Post Knock Down	XDR	44	23	24, 28, 32, 36	10/12	Steel	XDR8423-31#XX	


= Screw Size Variable 0=10-32, 2=12-24 Screw, Depth 24, 28, 32, 36

Vertical Cable Managers

	Description	Model	Width "	Depth "	Part #
	Single-sided Vertical Organizer Low Density	BHVL	3.6, 6, 10, 12	8.75	BHVL0XX
	Single-sided Vertical Organizer High Density	BHVH	3.6, 6, 10, 12	8.75	BHVH0XX
	Double-sided Vertical Organizer High/Low Density	BHVHL	3.6, 6, 10, 12	17.37	BHVHLXX
Double-sided Vertical Organizer High/High Density	BHVHH	3.6, 6, 10, 12	17.37	BHVHHXX	

X = Width Variable 03=3.6", 06=6", 10=10", 12=12"

Wall Mount Enclosures

	Description	Model	RU	MTG	Depth "	Part #
	24" x 19" Black Wall Mount w/Glass Door	XWM	12	19	20, 24	XWM-24XX-GD-3
	24" x 19" Black Wall Mount w/Steel Door	XWM	12	19	20, 24	XWM-24XX-SD-3
	36" x 19" Black Wall Mount w/Glass Door	XWM	18	19	20, 24	XWM-36XX-GD-3
	36" x 19" Black Wall Mount w/Steel Door	XWM	18	19	20, 24	XWM-36XX-SD-3
	48" x 19" Black Wall Mount w/Glass Door	XWM	25	19	20, 24	XWM-48XX-GD-3
48" x 19" Black Wall Mount w/Steel Door	XWM	25	19	20, 24	XWM-48XX-SD-3	

Depth Variable 20=20", 24=24"