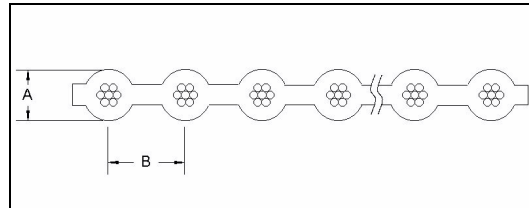


# MIL-SPEC APPROVED

## 150° C, M49055/11, .050" PITCH, 28 AWG EXTRUDED FEP

Thickness (A): .029" ± .003"  
Signal Spacing (B): .050" ± .002"



### ELECTRICAL PERFORMANCE

Impedance*	115 OHM
Capacitance*	10.0 pF/ft
Inductance*	.14 µH
Crosstalk %*	Near: 3.0          Far: 2.8 at 5 NS rise time and 10 MHZ pulse
Voltage Rating	300 VRMS
Propagation Delay*	1.21 ns/ft
Conductor Resistance	62 OHM/1000 ft. Max at 20° C
Insulation Resistance	500 Megohms/1000 ft.
Dielectric Withstanding Voltage	2000 VRMS

\* Measured using G-S-G, all grounds commoned

### PHYSICAL CHARACTERISTICS

Conductor Type	28 AWG, 7/36 Stranded, Bare Copper
Insulation	FEP Extruded (-55° C to 150° C)
Number of Signals	9 to 64
Color	Gray Optional: Rainbow

### PART NUMBER DESCRIPTION

<u>M49055 / 11 - XX</u>			
		Dash Number	
		- 55° C to 150° C, 7 strand, bare copper	
		Military Specification	
Dash No.	No. of Conductors	Dash No.	No. of Conductors
01	9	08	25
02	10	09	26
03	14	10	34
04	15	11	37
05	16	12	40
06	20	13	50
07	24	14	60
		15	64

### PACKAGING

100 Ft./Reel, 50 Ft. minimum average length, 10 Ft. minimum length