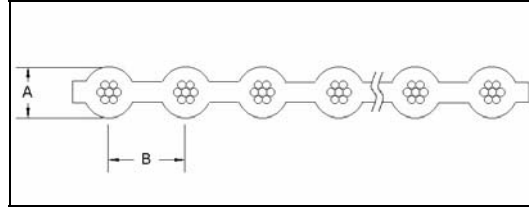


MIL-SPEC APPROVED

200° C, M49055/12, .050" PITCH, 26 AWG EXTRUDED FEP

Thickness (A): .032" ± .003"
 Conductor Spacing (B): .050" ± .002"



ELECTRICAL PERFORMANCE

Impedance*	100 OHM
Capacitance*	11.5 pF/ft
Inductance*	.13 μH
Crosstalk %*	Near: 2.8 Far: 2.8 at 5 NS rise time and 10 MHZ pulse
Voltage Rating	300 VRMS
Propagation Delay*	1.22 ns/ft
Conductor Resistance	39.1 OHM/1000 ft. Max at 20° C
Insulation Resistance	500 Megohms/1000 ft.
Dielectric Withstanding Voltage	2000 VRMS

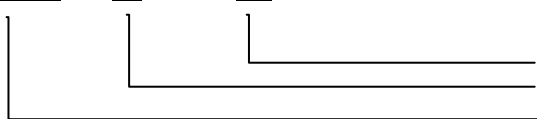
* Measured using G-S-G, all grounds commoned

PHYSICAL CHARACTERISTICS

Conductor Type	26 AWG, 7/34 Stranded, Silver Plated Copper
Insulation	FEP Extruded (-55° C to 200° C)
Number of Signals	9 to 60
Color	Solid Green or Natural with Red Polarity Stripe Optional: Rainbow

PART NUMBER DESCRIPTION

M49055 / 12 - XX



Dash Number
 - 55° C to 200° C, 7 strand, silver plated copper
 Military Specification

Dash No.	No. of Conductors	Dash No.	No. of Conductors
16	9	23	25
17	10	24	26
18	14	25	34
19	15	26	37
20	16	27	40
21	20	28	50
22	24	29	60

PACKAGING

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