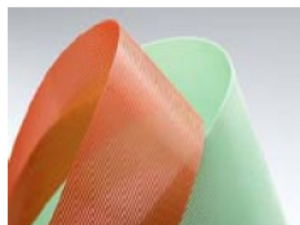


MIL Spec Cable

Military Spec Approved

PRODUCT DESCRIPTION



FEP Insulated Approved cables:
M49055/11, M49055/12, M49055/18, M49055/19, M49055/20,
and M49055/21.

- Extruded Cable - Will Not Delaminate
- Tight Pitch Tolerances
- High Temp (200°C) Insulation Material
- Resistant to Chemicals
- Environmentally Stable
- High Performance Dielectric Insulation
- Non-combustible Cable

SPECIFICATIONS

MIL Spec Cable				
Military Spec	Pitch Spec	Conductor Count	Conductor Type	Product
M49055/11	.050"/1.27mm	9-60	26 AWG, 7/34 Stranded, Bare Copper	M49055/11-*
	.050"/1.27mm	9-64	28 AWG, 7/36 Stranded, Bare Copper	M49055/11-*
M49055/12	.050"/1.27mm	9-60	26 AWG, 7/34 Stranded, Silver Plated Copper	M49055/12-*
	.050"/1.27mm	9-64	28 AWG, 7/36 Stranded, Silver Plated Copper	M49055/12-*
M49055/18	.0394"/1mm	10-5	28 AWG, 7/36 Stranded, Silver Plated Copper	M49055/18-*
M49055/19	.025"/0.635mm	10-100	30 AWG, Solid, Silver Plated Copper	M49055/19-*
M49055/20	.025"/0.635mm	10-100	30 AWG, 7/38 Stranded, Silver Plated Copper	M49055/20-*
M49055/21	.025"/0.635mm	10-100	32 AWG, 7/40 Stranded, Silver Plated Copper	M49055/21-*

See specific details for MIL-SPEC M49055/11 cable on following page



Temp-Flex designs and manufactures specialty insulated wire & cable for the medical, industrial, military & aerospace markets. We can custom design and manufacture your medical wire, coil, twisted pair, high speed coaxial cable, flexible microwave cable, flat ribbon cable, IDC cable, multi-flex cable, matched impedance cable, low inductance power transmission cable and a variety of other wire and cable constructions.

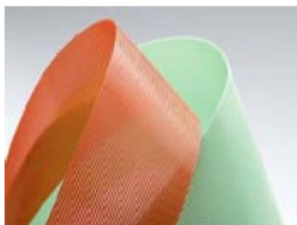
RF Cable

RF Cable

MIL Spec Cable M49055/11

Military Spec Approved

PRODUCT DESCRIPTION



FEP Insulated Approved cables:
M49055/11, M49055/12, M49055/18, M49055/19, M49055/20,
and M49055/21.

- Extruded Cable - Will Not Delaminate
- Tight Pitch Tolerances
- High Temp (200°C) Insulation Material
- Resistant to Chemicals
- Environmentally Stable
- High Performance Dielectric Insulation
- Non-combustible Cable

SPECIFICATIONS

M49055/11-□			
150°C, M49055/11, .050" Pitch, 26 AWG			
Parameters	Units		
Conductor Details			
Conductor Type	26 AWG, 7/34 Stranded, silver plated copper		
Insulation	FEP		
Number of Signals	9 to 60		
Color	Natural	Optional: rainbow	
Electrical Specifications			
Impedance*	Ω	100	
Capacitance*	pF/ft	11.5	
Inductance*	μH	.13	
Crosstalk %*	At 5 NS rise time and 10MHz Pulse	Near: 2.8	Far: 2.8
Voltage Rating	VRMS	300	
Propagation Delay*	ns/ft	1.22	
Conductor Resistance	Ω/1000 ft. max at 20°C	39.1	
Insulation resistance	MΩ	500/1000ft	
Dielectric Withstanding Voltage	VRMS	2000	
Mechanical Specification			
Operating Temperature	°C	-55 to 200	

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



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