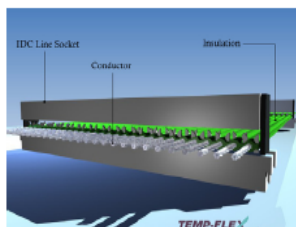


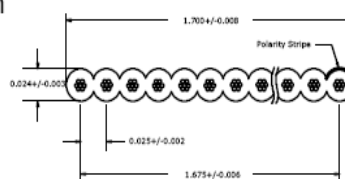
# IDC Ribbon Cable High Performance Ribbon Cable

## PRODUCT DESCRIPTION



FEP (Fluorinated Ethylene Propylene) insulated conductors extruded in ribbon format to ease the termination with standard I.D.C.'s (Insulation Displacement Connectors).

- 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
- UL Style 10186



F3207S-68-025-81 shown as a sample

## SPECIFICATIONS

IDC Ribbon Cable			
*Center Spacing	Conductor Count	Conductor Type	Product
.050"/1.27mm	10-64	24 AWG, 19/36 Stranded, Silver Plated Copper	F2419S**-050-N
		26 AWG, 7/34 Stranded, Silver Plated Copper	F2607S**-050-4(-R)
		26 AWG, 7/34 Stranded, Bare Copper	F2607B**-050-4(-R)
		28 AWG, 7/36 Stranded, Silver Plated Copper	F2807S**-050-1(-55or-R)
		28 AWG, 7/36 Stranded, Bare Copper	F2807B**-050-1(-55or-R)
0.25"/0.64mm	10-100	30 AWG, Solid, Silver Plated Copper	F3001S**-025-N5(-85)
		30 AWG, 7/38 Stranded, Silver Plated Copper	F3007S**-025-N5(-85)
		32 AWG, Solid, Silver Plated Copper	F3201S**-025-N1(-81)
		32 AWG, 7/40 Stranded, Silver Plated Copper	F3207S**-025-N1(-81)
.0394"/1mm	10-80	28 AWG, 7/36 Stranded, Silver Plated Copper	F2807S**-0394-5(-55)

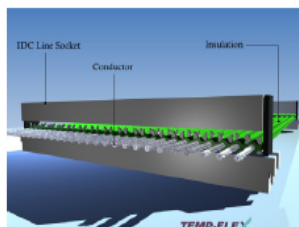
\* For termination with Stranded I.D.C.'s



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.

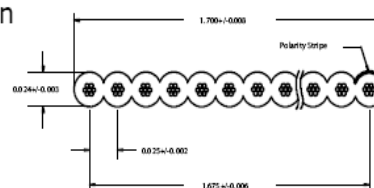
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## SPECIFICATIONS

<b>F3207S-68-025-81 32 AWG</b>			
Parameters	Units		
<b>Conductor Details</b>			
Conductor Type	32 AWG, 7/40 silver plated copper		
Filament	PFA	0.005"	
Core Tube	FEP	0.007"	
Served Shield	1 <sup>st</sup> layer: 36 Ends @ 42 AWG silver plated copper	2 <sup>nd</sup> layer: 40 Ends @ 42 AWG silver plated copper	
<b>Electrical Specifications</b>			
Impedance	Ω	95 ± 8 (Single end)	140 ± 10 (differential)
Capacitance	pF/ft	13.0 (Single end)	9.5 (differential)
Inductance	μH/ft	0.12 (Single end)	0.19 (differential)
Propagation delay	ns/ft	1.30	
Voltage rating	V	150	

UL Style 20726

RF Cable



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