

# Low Noise, Twisted Pair Raw Cable

Specifications							
Physical Characteristics		EDV16833A	EDV26877A	EDV27952A	EDV27784A	22588A	30779A
Cable Type		Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair
Low Noise		Yes	Yes	Yes	Yes	Yes	Yes
Center Conductor	AWG	20 (19/32) SPC	20 (19/32) SPC	22 (19/34) SPC	22 (19/34) SPC	20 (19/32) SPC	20 (19/32) NPC
Shield		Single, ≥90%	Double, ≥90%	Single, ≥90%	Double, ≥90%	Single, ≥90%	Single, ≥90%
Outer Jacket		Red PTFE	Red PTFE	Red PTFE	Red PTFE	Red PFA	White PTFE
Cable OD	inches (mm)	0.19 (4.8)	0.23 (5.8)	0.19 (4.8)	0.22 (5.6)	0.20 (5.1)	0.19 (4.8)
Bend Radius		10x OD	10x OD	10x OD	10x OD	10x OD	10x OD
Weight	lbs/ft	0.032	0.053	0.029	0.034	0.025	0.032
Electrical Characteristics							
Capacitance							
Conductor to Conductor	pF/ft	70, max	70, max	70, max	70, max	70, nom	70, max
Conductor to Inner Shield	pF/ft	140, max	140, max	140, max	140, max	140, nom	140, max
Insulation Resistance							
Conductor to Conductor	G ohms-ft	200, min	200, min	200, min	200, min	50, min	200, min
Conductor to Inner Shield	G ohms-ft	200, min	200, min	200, min	200, min	50, min	200, min
Inner Shield to Outer Shield	G ohms-ft	N/A	200, min	N/A	200, min	N/A	N/A
Noise	pC pk-pk	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Environmental Characteristics							
Temperature	°F (°C)	-65 to +500 (-54 to +260)	-65 to +500 (-54 to +260)	-65 to +500 (-54 to +260)	-65 to +500 (-54 to +260)	-65 to +500 (-54 to +260)	-65 to +550 (-54 to +288)

## Notes

- All specifications are typical and taken at approximately 75°F (24°C) unless otherwise noted
- Specify as MODEL/XXX where XXX = cable length in inches
- Small color variations may occur during normal batch processing, but have no impact on product performance
- Model 6960 & EDV16833 superseded by EDV16833A  
 Model 6961 & EDV26877 superseded by EDV26877A  
 Model 6962 & EDV27952 superseded by EDV27952A  
 Model 6963 & EDV27784 superseded by EDV27784A  
 Model 22588 superseded by 22588A  
 Model 6967 & 30779 superseded by 30779A
- Model 6960M8, 6963M5 & 22588AM1 are EDV16833A, EDV27784A & 22588A with a test report provided, respectively