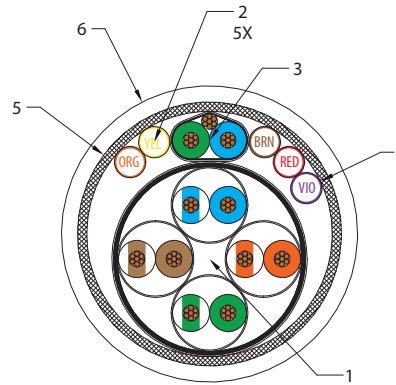


#26 AWG Video Cable for DisplayPort 1.4, HDMI 2.0, and DVI Single Link 963-127

PROTOCOL SPECIFIC



Optimized for
High-Bandwidth
100 Ohm applications



963-127

- 100 Ohm twisted pair shielded cable.
- PFA jacket, PFA insulation
- Dual shields: Aluminized Polyimide tape and silver-plated copper

NOTES

- Cable identified with manufacturer's name and part number.
- Cable is sold in 1 foot increments. Specify desired length on purchase order.

How to Order

Sample Part Number	963-127	-1
Basic Part Number	963-127	
Jacket Material	1 = Duraelectric Light 2 = Pulyurethane LSZH 3 = FEP	

Cable Construction

1.	High Speed Core	
A	(4x) Data Pairs	100 Ohm (Nom.), Shielded Twisted Pair
	Conductors	26 AWG (7/34) Silver Plated High Strength Copper
	Insulation	FEP
	Pair Shield	.0014" Aluminum/Polyimide tape, foil side out, 50% overlap
B	Outer Shield	Silver Plated Copper Braid, 90% min. coverage
C	Outer Jacket	Unsintered PTFE Tape .238 Max. O.D.
2.	5X # 26 AWG GS22759-33-26-X	
3.	Data Pair	100 ± 10 Ohm Shielded Twister Pair
	Conductors	2x 26 AWG (7/34) Silver Plated Copper
	Insulation	PFA
	Drain Wire	26 Awg (7/34) Silver Plated Copper
	Pair Shield	.0015 Aluminum/Polyimide Tape, Foil Side In, 50% Overlap
	Jacket	PFA .010 Thick
4.	Binder String	Nomex, PER Mil-C-572, A/R
5.	Outer Shield	36 AWG, Ni/Cu, 90% Min. Cov.
6.	Jacket Material	Per Part Number Development
	Color	Black
Outside Diameter: 963-127-1 = .415 Approx. • 963-127-2 = .359 Approx. • 963-127-3 = .337 Approx.		

Electrical Performance

Differential Impedance	100 Ohms
Designed to Meet the Performance Requirements of HDMI 2.0 and Displayport 1.4	

Table 1: Attenuation

Frequency (Ghz)	dB / ft Typical	dB / ft Maximum
0.625	0.207	0.243
0.825	0.236	0.281
1.250	0.286	0.342
2.500	0.406	0.478
5.000	0.635	0.728
7.500	0.909	1.044
8.100	0.984	1.134