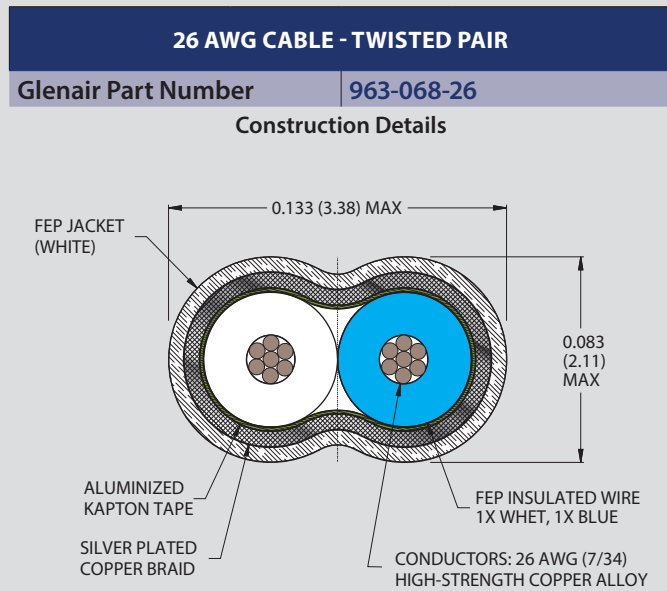


"ZERO-CROSSTALK" VersaLink™ Differential Twinax Contacts / Cables

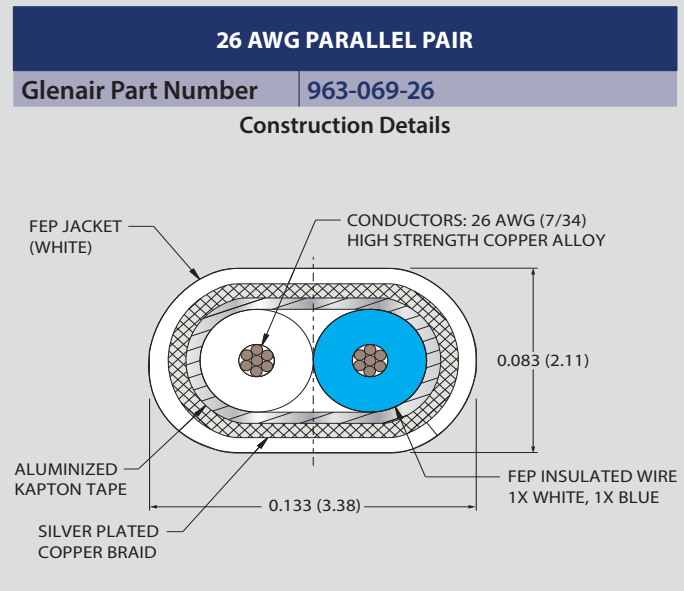


SpeedLine 100 Ohm High-Speed Protocol Cables

VERSALINK CONTACTS AND CABLES



Specifications	
Outer Dimensions	.133 x .083
Primary Conductor	26 AWG 7/34 silver plated wire
Primary Insulation	FEP (color: 1x white, 1x blue)
Shield	Aluminized Kapton tape (foil side out), 100% coverage
Braid	44 AWG silver/copper, >90% coverage
Jacket Material	FEP
Jacket Color	White, Laser-markable
Electrical Performance	
DWV	600V AC
Differential Impedance	100 ±6 Ohms
Insertion Loss	See Attenuation
Skew	3 ps / FT, max.
Physical Properties	
Bend Radius	1" min
Weight	4.74 g/Ft, nom.
Temperature Range	-65°C to 200°C
Attenuation	
Frequency (GHz)	dB/Ft
	(Typical) (Max)
1.0	0.310 0.396
2.5	0.519 0.632
5.0	0.806 0.945
7.5	1.089 1.257
10.0	1.388 1.598



Specifications		
Outer Dimensions	.133 x .083	
Primary Conductor	26 AWG 7/34 silver plated wire	
Primary Insulation	FEP (color: 1x white, 1x blue)	
Shield	Aluminized Kapton tape (foil side out), 100% coverage	
Braid	44 AWG silver/copper, >90% coverage	
Jacket Material	FEP	
Jacket Color	White	
Electrical Performance		
DWV	600V AC	
Differential Impedance	100 ±6 Ohms	
Return Loss	15 dB to 18 GHz	
Skew	3 ps / FT, nom.	
Physical Properties		
Bend Radius	1" min	
Conductor Tensile Strength	50 KSI	
Conductor Elongation	>9%	
Weight	6.5 g/Ft, nom.	
Environmental Properties		
Temperature Range	-65°C to 200°C	
Attenuation		
Frequency (GHz)	dB/ft (max)	dB/m (max)
1.0	0.6	2.0
2.5	0.8	2.7
5.0	1.1	3.6
7.5	1.3	4.4
10.0	1.5	5.0
15.0	1.9	6.1
18.0	2.0	6.7