

3 Pair Individually Screened Multipair Cable 18 AWG (Belden9773 Equiv.)

Part Number: 511-003

Description

18 AWG stranded (19x30) TC conductors, polypropylene insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 20 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (overall)

# Pairs	AWG	Stranding	Conductor Material	
3	18	19x30	Tinned copper	
Ins Material		Wall Thickness (mm)		
PP – Polypropylene		0.483		
Layer#	inner Shield trade name	Type	Innershield material	%coverage
Layer1	Beldfoil®	Tape	Aluminium Foil-polyester tape	100
Outer Shield Material				
Unshielded				
Outer Jacket material		Nom. Wall Thickness (mm)		
Polyvinylchloride		0.889		

Mechanical Characteristics (overall)

Operating Temperature Range: -20°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2919)  
 Bulk Cable Weight: 125.009 Kg/Km  
 Max. Recommended Pulling Tension: 787.331 N  
 Min. Bend Radius/Minor Axis: 107.950 mm

Electrical Characteristics (overall)

Impedance (Ohm)
50
Inductance (µH/ft)
0.59058
Capacitance Conductor to Conductor Capacitance (pF/ft)
98.43
Capacitance Conductor to Other Conductor & Shield Capacitance (pF/ft)
180.455
VP (%)
66
DCR @ 20oC (Ohm/1000 ft)
20.9984
Max. Operating Voltage
300 V RMS
Max. Recommended Current
3.64 Amps per conductor @ 25oC

