

3 Pair Individually Screened Multipair Cable 20 AWG (Belden9873 Equiv.)

Part Number: 510-003

Description

20 AWG stranded (7x28) TC conductors, polypropylene insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 22 AWG stranded TC drain wire, overall PVC jacket.

Physical Characteristics (overall)

# Pairs	AWG	Stranding	Conductor Material
3	20	7x28	Tinned copper

Ins Material	Dia. (In.)
PP – Polypropylene	0.381

Layer#	inner Shield trade name	Type	Innershield material	%coverage
Layer1	Beldfoil®	Tape	Aluminium Foil-polyester tape	100
Layer2				

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: 84.827 Kg/Km
 Max. Recommended Pulling Tension: 471.509 N
 Min. Bend Radius/Minor Axis: 88.900 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)	34.4505
Max. Operating Voltage	300 V RMS
Max. Recommended Current	2.7 Amps per conductor @ 25oC

