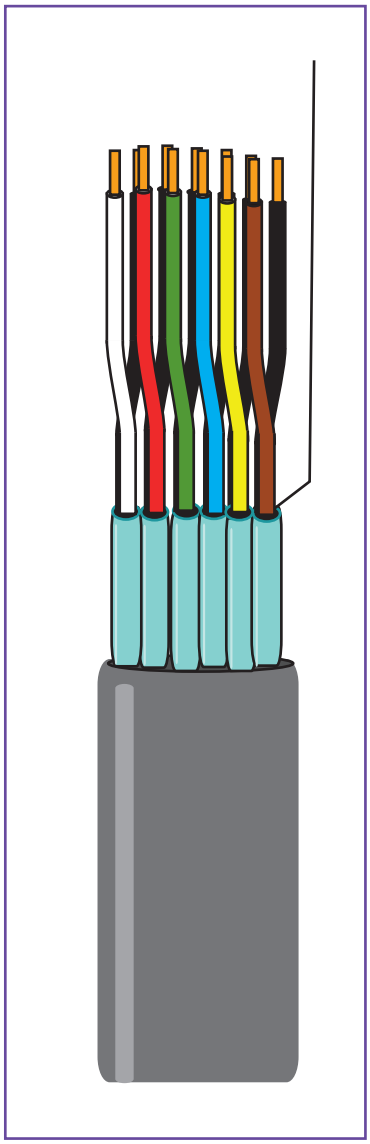
GEM CABLE SOLUTIONS

6 Pair Individually Screened Multipair Cable 20 AWG (Belden9874 Equiv.)

Part number: 510-005

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.



Conductor

Number of pairs	AWG	Stranding	Conductor Material
6	20	7x28	TC- Tinned copper

Insulator

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.381

Outer Shield

Outer Shield Trade Name	Type	Outer shield material	Coverage (%)
Beldfoil® (Z-Fold®)	Tape	Aluminum foil-polyester tape	100

Outer Jacket

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	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: 151.796 Kg/Km
Max. Recommended Pulling Tension: 1138.739 N
Min. Bend Radius/Minor Axis: 114.300 mm

Electrical Characteristics

Impedance (Ohm): 50
Capacitance (pF/ft): 98.43
Nominal Velocity of Propagation: 66
DCR @ 20°C (Ohm/1000 ft): 34.4505
Max. Operating Voltage: 300 V RMS
Max. Recommended Current: 2.7 Amps per conductor @ 25 °C

Unit 10, The Dencora Centre, Campfield Road, St. Albans, Herts AL1 5HN, United Kingdom.
T 44 (0)1727 845750 | F 44 (0)1727 838780 | E info@gemcable.co.uk | W gemcable.co.uk

nqa. ISO 9001 Registered
UKAS QUALITY MANAGEMENT