

3 Pair Individually Screened Multipair Cable 22(7) AWG (Belden 8777 DUCT Equiv.)

Part Number: 509-004

Description

22 AWG stranded (7x30) TC conductors, polypropylene insulation, cabled in pairs, overall Beldfoil® shield (100%coverage), 24 AWG stranded TC drain wires, LDPE jacket.

Physical Characteristics (overall)

# Pairs	AWG	Stranding	Conductor Material	Dia.(in.)
3	22	7x30	Tinned copper	0.03

Ins Material	Dia. (In.)
PP – Polypropylene	0.05

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

Outer Shield Material
Unshielded

Outer Jacket material
LDPE

Mechanical Characteristics (overall)

Operating Temperature Range	-20oC to +80oC
UL Temperature Range	80oC
Bulk Cable Weight	40.800 lbs/1000ft
Max. Recommended Pulling Tension	79 lbs
Min. Bend Radius (Install)/Minor Axis	2.750 In.

Electrical Characteristics (overall)

Impedance (Ohm)	50
Inductance (µH/ft)	0.18
Capacitance Conductor to Conductor Capacitance (pF/ft)	30
Capacitance Conductor to Other Conductor & Shield Capacitance (pF/ft)	55
VP (%)	66
DCR @ 20oC (Ohm/1000 ft)	15
Max. Operating Voltage	300 V RMS
Max. Recommended Current	2 Amps per conductor @ 25oC

