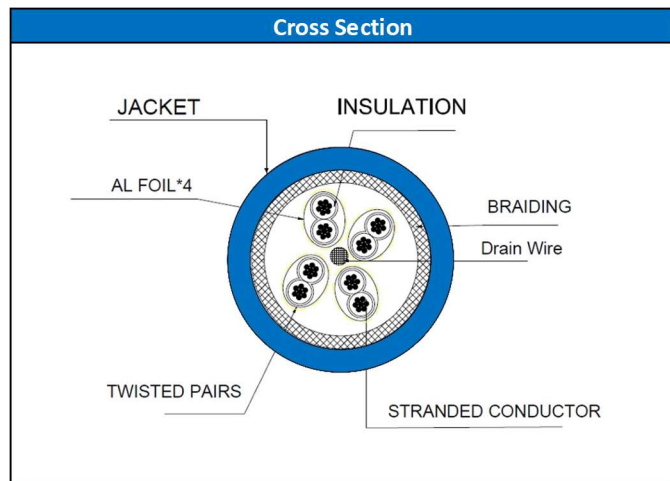


AC23-CAT8-S-FTP-PUR-BLUE



Construction & Dimensions		
	Item	Specification
Conductor	Size	23AWG
	Construction (mm)	0.258±0.008mm
	Material	Bare Copper
Insulation	Material	FMPE
	Diameter (mm)	1.35±0.05
	Ave. Thickness	0.26
	Min. Thickness	0.24
Inner Layer	Direction	s
	Pitch (mm)	<30
Outer Layer	Direction	s
	Pitch (mm)	≤120
Separate	Material	-----
	Construction (mm)	-----
Shielding	Shield	AL*4
	Coverage	≥25%
	Shield	-----
	Coverage	-----
Drain	Construction (mm)	-----
	Material	-----
Braid	Construction (mm)	16/5/0.10=
	Material	TC
	Coverage	≥40%
Filler	Material	-----
	Material	PUR
	OD (mm)	7.5±0.20
	Ave. Thickness	0.6
	Min. Thickness	0.5
	Colour	Blue

Insulation Colour	
1 P: Blue & White	
2 P: Orange & White	
3 P: Green & White	
4 P: Brown & White	

Cable Markings	
Part No. AC23-CAT8-S-FTP-4P-PUR-BLUE	
Automated Control Pty Ltd	
Meter Marks	

Performance	
Electrical Characteristics	
Insulation Resistance	Min.5000 meg ohms-km at 20°C
Dielectric Test	1000V DC/1min; No Breakdown
Delay skew	≤17ns
Frequency	2000Mhz
Pass the test	PASS FLUKE
IS Cable Parameters	
Resistance	0.054 Ohms/metre at 20°C
Impedance	100Ω±15
Inductance	0.37 uH/metre
L/R	3.45 uH/Ohm
Capacitance	48 pF/m

Mechanical behavior:	
1. Insulation elongation at break	≥100%
2. Insulation tensile strength	≥10Mpa
3. Jacket elongation at break	≥100%
4. Jacket Tensile Strength	≥12.5 Mpa

Physical Chararctics:	
1. Rating Temperature	-20~60°C
2. Voltage Rating	30V