

Caledonian Windmill Cables

Communication Cable



PUR Sheathed, Halogen Free S-FTP Cat5

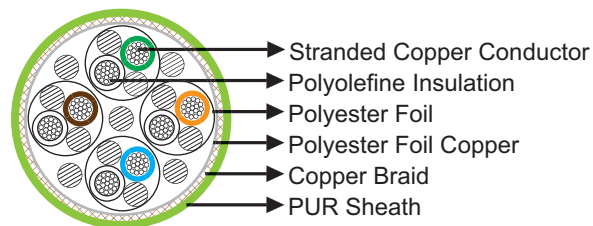
» Application

These cables are designed for the most extreme requirements in the industry and other heavy-duty environments in torsion applications.

» Standards

ISO/IEC 11801
EN 50173
EIA/TIA 568-A, Category 5

» Construction



Conductor: Bare copper 19×26AWG.

Insulation: PO.

Cable Element: Double core.

Shielding: Polyester tape over stranded bundle.

Screen 1: Polyester foil copper, bare.

Screen 2: Copper braid.

Sheath: PUR.

» Technical Data

Operating Temperatures	-20°C~+80°C
Minimum Bending Radius	80mm
Impedance @1~100MHz	100Ohm +/-15%
Nominal Mutual Capacitance	50nF/km
Attenuation @10MHz	<1.3dB/100m
Attenuation @16MHz	<1.6dB/100m



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Attenuation @62.5MHz	<3.2dB/100m
Attenuation @100MHz	<4dB/100m
Next @10MHz	47dB
Next @16MHz	44dB
Next @62.5MHz	35dB
Next @100MHz	32dB
ACR @10MHz	45.7dB
ACR @16MHz	42.4dB
ACR @62.5MHz	31.8dB
ACR @100MHz	28dB
Flame Retardant	IEC 60332-1
Halogen Free	IEC 60754
Smoke Density	IEC 61034
Oil Resistant	Yes
UV Resistant	Yes

» Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm	mm	kg/km
4×2×0.64	7.5	79

