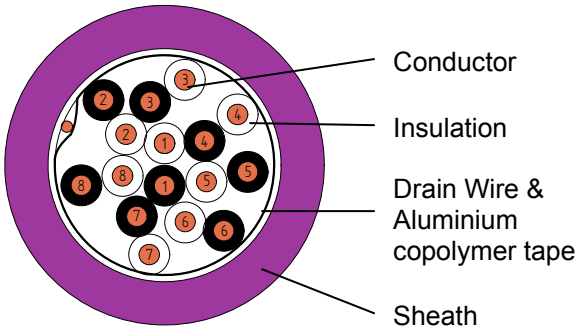

Screened Multipair Trackside Data Cable

Construction	Conductor stranding	Nom Diameter mm	Nom Weight kg/km
3 x 2 x 0.63mm²	1/0.90	12.0	163
4 x 2 x 0.63mm²	1/0.90	13.5	180
6 x 2 x 0.63mm²	1/0.90	14.2	233
8 x 2 x 0.63mm²	1/0.90	14.5	267
12 x 2 x 0.63mm²	1/0.90	16.8	381
14 x 2 x 0.63mm²	1/0.90	17.1	398
19 x 2 x 0.63mm²	1/0.90	19.4	502

Characteristic	
Electrical	
Voltage rating	300V
Conductor DC Resistance	≤28.0Ω/km
Insulation resistance	≥1500MΩ.km
Mutual Capacitance	≤65pF/m
Capacitance Unbalance	≤470pF/km (pair to pair)
Physical	
Temperature rating	-20ºC to +50 ºC
Tear strength	≥5/mm
Min Bend Radius	12 x cable diameter
Sheath Stability	<5% @ 100ºC for 240hrs
Sheath fluid resistance	To LUL E4156
Oil	Pass
Water	Pass
Ozone	Pass
Weathering	Pass
Fire Performance	To LUL 2-01001-002
Flammability	Pass
Smoke emission	Pass
Toxicity	Pass

PRODUCT DESCRIPTION

This range covers multipair cables for use trackside for the transmission of data, usually associated with railway signalling systems.

The cable is suitable for duct use and is designed to be resistant to oil, water, fire and atmospheric conditions over a wide operating temperature range

PRODUCT CHARACTERISTICS

Conductor :	Solid tinned annealed copper
Insulation	Polyolefin insulation
Pairs	Two cores cabled into a pair
Cable Assembly	Multiple pairs cabled together with LSZH fillers as required
Screen	Drain wire applied under an Aluminium copolymer tape
Sheath	Low smoke and zero halogen compound

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