

Description: 22AWG Twisted Pair Dual Screened Low Capacitance Data Cable For RS 485. Low Smoke Halogen Free Throughout.



Construction

Conductor Material	: Tinned Copper, 22(7)awg
Pair Insulation Material	: Foamed Polyethylene (FPE)
Overall Screen	: Overall Aluminium Foil (100% Coverage)
Drain Wire	: Tinned Copper, 22awg
Core Insulation	: Low Smoke Halogen Free (LSHF) (2201PCODGH only)
Collective Screen	: Overall Tinned Copper Wire Braid (65% Coverage)
Outer Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: Black
Core Identification	: 1 Pair Blue/White Stripe- White/Blue Stripe, : 1 Pair + 1 Core Orange/ White Stripe- White/Orange Stripe, Blue/White Stripe : 2 Pair Orange/ White Stripe- White/Orange Stripe, Blue/White Stripe- White/Blue Stripe
Alternative to Belden	: 3105A, 3106A & 3107A

Electrical Characteristics

Nominal Conductor Resistance	: < 59.4 Ω /km
Insulation Resistance	: > 200M Ω .M
Characteristic Impedance	: 120 Ω
Capacitance Core to core	: 36 pF/m
Core to screen	: 68 pF/m
Nominal Velocity of Propagation	: 78%
Voltage Rating	: 450/750V <i>Applies to CE marked FSC branded stock only</i>
Test Voltage	: 2.5kV for 5 minutes
Attenuation (1MHz)	: 1.64 dB/100m

Physical Characteristics

Min Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +80°C
Weight	: See table

Standards

Flame Retardant	: EN 60332-1-2
Low Smoke Generation	: EN 61034-2
Halogen Gas Emission	: EN 60754-1&2
RoHS2 Compliant	: Yes
CE Compliant	: LVD (2006/95/EC)

Part No.	Alternative to Belden	No. of Pairs	No of Cores	O/D (mm)	Weight kg/km
2201PODGH	3105A	1	-	7.2	66
2201PCODGH	3106A	1	1	7.7	73
2202PODGH	3107A	2	-	9.9	110