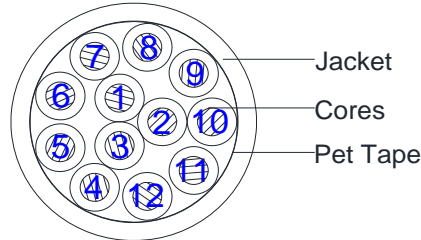


TECHNICAL DATA SHEET

Cable Diagram



Description	
Cable Part Code*	B407WFU12
Cable Description	12Cx0.5mm2 XLPE/LSZH
Cable References Standards	BS EN 50288-7, IEC 60332-1, IEC 60332-3A

Conductor	
Conductor Material	Bare Copper
Conductor Size (mm ²)	0.5
Conductor Standard	BS EN 50288-7 & IEC 60228

Insulation	
No. of Cores / Pairs / Triads	12 Cores
Insulation Material	XLPE
Insulation Color Code & Identification	Black, All cores with number coding 1~12

Shielding	
Shielded/Unshielded	Unshielded

Outer Jacket/Sheath Material	
Inner Jacket Material	LSZH
Nom. Diameter Over Inner Jacket (mm)	8.75

Physical/Mechanical Properties	
Temperature Rating (°C)	-30°C To +90°C
Oil Resistance	Yes
UV Resistance	Yes
Flame / Fire Retardancy	IEC 60332-3A
Nom. Cable Weight (Kg/km)	110

Electrical Properties	
Voltage Rating (V)	300
Max. Conductor Resistance @20°C (Ω/km)	39
Mutual Capacitance Core to Core @1KHz	< 150
Inductance (μH/Ω)	≤ 1
Inductance to Resistance Ratio L/R (μH/Ω)	<25

*Ordering stock code will be created at the time of placing the order and the stock code will include cable part code, outer jacket color & putup length.
Belden Internal Reference Number SZ-B407WFU12