



FieldBus Type A Cable

BATT Part No (Blue):	91511
BATT Part No (Orange):	91510
Applications:	Fieldbus systems used in industrial control
Conductors:	1 pair stranded tinned copper 18awg
Insulation:	PE
Core identification:	blue & orange
Screen:	aluminium/polyester tape & tinned copper braid
Sheath/Jacket:	LSZH
Colour:	Orange & blue
Voltage:	300v max (not for power purposes)
Conductor size:	118 awg
Weight:	79 kg/km
Nominal overall diameter:	7.4mm
Operating Temperature:	-10°C to +70°C
Conductor resistance:	20 ohm/km
Mutual capacitance:	77 nF/km
Characteristic impedance:	100 ohm (+/- 20 at 31.25 kbps)
Transfer impedance at 10MHz:	6.0 dB/km
Attenuation at 1MHz:	34 dB/km
Test voltage:	1500V A/C
Standards:	IEC 61158 & BS EN 61158: Digital data communications for measurement and control. Fieldbus for use in industrial control systems

