



**Specification for BELDEN (YC49756) Armored Fieldbus Cable  
Type-A with FR Jacket**

<b>I</b>	<b>Description</b>	
1	Part No	
2	Conductor	18 AWG
3	Insulation	Polyolefin
4	No. Of Pairs	1
5	Colour Code	(+) Core: Brown & (-) Core: Blue
6	Separator	Poly Tape
7	Screen	Foil Shield with 20AWG (7x28) Tinned Copper Drain Wire & Helical Binder
8	Inner Jacket	Blue FRPVC Jacket.
9	Armor Type	BELCLAD Corrugated Steel Armor Tape.
10	Outer Jacket Material	FRPVC Jacket.
11	Outer Jacket Colour	Orange with black stripes
<b>II</b>	<b>Electrical Characteristics</b>	
1	Max. Operating Voltage	300V
2	Max Continuous Current Per Conductor @25 Deg C	8.16 A
3	Nom. Mutual Capacitance @1KHz	24 pF/FT
4	Nom. Capacitance Conductor to Shield @1kHz	45 pF/FT
5	Nom. Inductance	.19 micro-H/FT
6	Impedance @31.25kHz	100 +/- 20 OHMS
7	Max. Attenuation @39 kHz	.914 dB/1000 FT
8	Nom. Conductor DC Resistance @ 20 Deg C	7.16 OHMS/1000 FT
9	Max. Propagation Delay Change from 7.812 kHz to 39.06 kHz	518 pS/FT
10	Maximum Wire-to-Shield Capacitance Unbalance	1.2 pF/FT
11	Test Voltage Urms core: core – Max	1500V
12	Test Voltage Urms core: screen – Max	1500V

