



Technical  
Data Sheet

1/6/12 Revision 1

YR41019

**I. Description:**

Two conductor 16 AWG (19x29) tinned copper, XLPE insulation, overall Beldfoil shield with 16 AWG (19x29) tinned copper drain wire, FEP jacket

**II. Electrical Characteristics:**

Maximum operating voltage:	300 V rms
Nominal conductor DC resistance @ 20 °C:	4.1 ohms / 1000 ft
Nominal capacitance between conductors of pair @ 1 kHz:	66 pF / ft
Nominal capacitance conductor to shield @ 1 kHz:	118 pF / ft
Maximum continuous current per conductor @ 25 °C	7 A

**III. Physical Characteristics:**

Temperature rating:	-50 - 125 °C
Conductor material:	16 AWG (19x29) tinned copper
Insulation material:	XLPE
Drain wire material:	16 AWG (19x29) tinned copper
Shield type & coverage:	Aluminum Foil-Polyester Tape – 100%
Jacket material:	FEP
Jacket diameter:	0.217" nom
Color Code:	Red and Black
Minimum bend radius:	2.2"
Applicable specifications:	None
Flame resistance:	UL VW-1
Nominal bulk weight:	38 lbs / 1000 ft