

## PHYSICAL CHARACTERISTICS

Characteristics	Value
No. of Conductor	2
Conductor Size	1.29 ± 0.005 mm , 16AWG
Insulation Diameter	2.1 ± 0.05 mm
Drain Wire Size	7 x 0.25 mm
Jacket Thickness	0.8 mm
Jacket Diameter	6.0 ± 0.3 mm
Max. Recommended Pulling Tension	27 KG
Min. Bending Radius	10 x OD
Operating Temperature	-20°C to +70°C

## ELECTRICAL CHARACTERISTICS

Characteristics	Value	Unit
Nom. Conductor DCR	13.7	Ω/KM
Dielectric Strength between Pairs	2.5	KV
Max. Operating Voltage	300	V
Sparker Test	3000	VAC

## MECHANICAL CHARACTERISTICS

Characteristics	Value
Test Material	FRPVC
Before Tensile Strength (Mpa)	10.3
Aging Elongation (%)	100 %
After Tensile Strength (Mpa)	6.7
Aging Elongation (% of unaged)	65
Cold Bend (-20°C x 4 hrs)	No Crack
Standard & Environmental	UL 1424

  

Part Number	Description
75-4202165	2 Core 16AWG Shielded Fire Alarm Cable PP Insulation FRPVC Jacket