

RUN WITH US

Technical Specifications Product Line: 22-2C-PSH

Description

2 conductor 22 AWG stranded, twisted, and shielded cable

NEC type CMP and CEC type CMP FT6. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725 and 800.

Conductor	Electrical
22 AWG	DC resistance: 16.4 Ω / 1000' 53.79 Ω /KM
7-strand annealed bare copper conductors	Mutual capacitance: 39.7 pF/FT 130.22 pF/M
Diameter: 0.029" 0.73mm	Impedance: 47 Ω
	Velocity of Propagation: 55%
	Voltage rating: 300V
	Maximum current: 2.8A@25°C
Insulation	Regulatory
Plenum rated polyvinyl chloride	NEC: CMP 75°C
Wall thickness: 0.008" 0.20mm	CEC: CMP FT6 60°C
Diameter: 0.044" 1.13mm	EU RoHS 2002/95/EC Compliant
Color Code	Packages
Black, Red	Reel: 1000' 305M
	Weight: 13 Lbs/1000' 20 Kg/KM
Assembly	Installation
2 conductors twisted	Pull Tension: 11 Lbs 49 N
Lay length: 3.0" 80mm	Bend radius: 1.18" 30mm unloaded
4.0 twists per foot 12.5 twists per meter	Bend radius: 2.36" 60mm loaded
	Plenum cable should be conditioned at room temperature for
	24 hours prior to installation and never installed below 32°F
	0°C ambient temperature
Construct	Applications
Ripcord under jacket	Plenum line level balanced audio
	Plenum general purpose security and low voltage power
Shield	Performance
100% aluminum/polyester tape foil out	Assuming 600 Ω source impedance:
24 AWG 7-strand tinned copper drain	Line level balanced audio 130 feet
Jacket	Final Outside Diameter (inches)
Plenum rated polyvinyl chloride	0.118
Colors: Natural White	
Wall thickness: 0.014" 0.36mm	
Diameter: 0.118" 3.00mm	
Specification Revision Date:	July 7, 2006