

Product: 439945

Life Cycle Status: Discontinued

PTZ, RG-6 #18, #18-2c ,LSZH, Siamese, Eca

Product Description

PTZ (CCTV + Power/Audio) Cable), Coax RG-6, 18 AWG solid bare copper, foamed polyethylene core, 95% bare copper braid, LSZH jacket

Technical Specifications

Product Overview

Suitable Applications:	Surveillance, CCTV Camera, PTZ (Pan-Tilt-Zoom)

Product Life Cycle

Life Cycle:	Discontinued - the product is no longer manufactured

Construction Details

RG Type:	6

Conductor

Element	No. of Elements	Size	Stranding	Nom. Diameter	Material
Coax(es)	1	18 AWG	Solid	1.02 mm	BC - Bare Copper
Pair1		18 AWG	7x26	1.17 mm	BC - Bare Copper

Insulation

Element	Material	Nom. Insulation Diameter
Coax(es)	PE - Polyethylene (Foam)	4.57 mm (0.180 in)
Twisted Pair(s)	PE - Polyethylene	1.7 mm (0.067 in)

Inner Shield

Element	Shield Type	Material	Coverage
Coax(es)	Braid	Bare Copper (BC)	95%

Outer Jacket

Material	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.8 mm (0.27 in)

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.56 dB/100m
5 MHz	1.48 dB/100m
10 MHz	2.1 dB/100m
50 MHz	4.79 dB/100m
100 MHz	6.89 dB/100m
200 MHz	9.84 dB/100m
400 MHz	14.1 dB/100m
700 MHz	19 dB/100m
900 MHz	22 dB/100m
1000 MHz	23.3 dB/100m

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
6.52 Ohm/1000ft (21.4 Ohm/km)	10.2 Ohm/km (3.11 Ohm/1000ft)	53.4 pF/m (16.3 pF/ft)	75 Ohm	83%
21 Ohm/km (6.4 Ohm/1000ft)				

Mechanical Characteristics

Temperature

Operating	Storage
-30°C To +70°C	-30°C To +70°C

Max. Pull Tension:	52 N (12 lbf)

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor - Euroclass Eca
CPR Compliance:	CPR Euroclass: Eca
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.326 Revision Date: 07-13-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
439945.00100	Gray	Reel	100 m	8719605006899
439945.00500	Gray	Reel	500 m	8719605006905

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