

RACT-L3C2PC

4+2 IP Camera Cable whit Power



Product overview

Special monitoring cables for network digital high-definition cameras, 2 pairs of data transmission cables have better signal quality, optimized for crosstalk, loss and other details. Extra Power can reduce unnecessary repetitive wiring steps.

Product Specification

Conductor	Material	BC
	Diameter	0.42 mm ± 0.02 mm
	Number of cores	2 × 2
Insulation	Material	HDPE
	Diameter	0.9 mm ± 0.1 mm
AL Foil	Construction	With Foil
	Material	AP
Jacket	Material	PVC
	Diameter	4.6 mm ± 0.3 mm
Power Conductor	Material	BC
	Diameter	2 × [19 × (0.12mm ± 0.02 mm)]
Power Insulation	Material	PE
	Diameter	1.8 mm ± 0.3 mm
Outer sheath	Material	PE
	Diameter	5.8 mm ± 0.3 mm

Packing

Single package	Wooden Drum
Package length	500 m
Outer package	Color box

Test Data

Tensile Strength	Sheath ≥ 13.5 MPa, insulation ≥ 16 MPa
Elongation at Break	Sheath ≥ 150%, insulation ≥ 300%
Installation Bending Radius	>8 times of outer cable diameter
Conductor Elongation at Break	≥ 10%
Shrinkage of Insulation	≤ 5%
Color Migration Resistance of Insulation	No migration
Sheath Tensile Strength and Elongation at Break after Aging	≥ 12.5 MPa, ≥ 100%
Low Temperature Bending Test	No cracking
Heat Shock Test	No cracking
Operating Temperature	- 20°C to +60°C (-4°F to 140°F)
Storage Temperature Humidity	- 10°C to +40°C (14°F to 104°F), <60% (RH)
Installation Temperature	0°C to +50°C (32°F to 122°F)

Certifications and Standards

Vertical Fire Propagation Test	Comply with IEC 60332-1-2
Certification	CPR Eca

Technical test (dB/100m)

Frequency(MHZ)	1	4	10	20	62.5	100	200	350	550
Impedance(Ω)	100 ± 15							100 ± 20	
Return Loss(dB)	20	23	25	25	22	21	21	16	15
Attenuation	1.9	3.7	5.9	8.4	15.4	19.8	29.0	39.8	51.8
NEXT	74.3	65.3	59.3	54.8	47.4	44.3	39.8	36.2	33.2
ACR-F	67.8	55.8	47.8	41.8	31.9	27.8	21.8	16.9	12.9
PS NEXT	72.3	63.3	57.3	52.8	45.4	42.3	37.8	34.2	31.2
PS ACR-F	64.8	57.7	44.8	38.7	28.8	24.8	18.7	13.9	9.9
Propagation	0.6c								