



**triaxial camera cable
flexible, Ø 11.0 mm - PUR**

- flexible silver-plated stranded inner conductor
- robust PUR overall jacket
- max. transmission length 720-1100 m (depending on camera type)

PUR

UHD

4K

Triaxial cables are primarily used for electrical connections for video cameras and transmission systems. Their high-quality materials and high-precision balanced design maximise their transmission properties (low attenuation, even characteristic impedance). The smooth outer braided screen enables cameras to be supplied with power.

construction

inner conductor	stranded silver-plated conductor, 19 x 0.28 mm
insulation	foam PE, Ø 6.0 mm
1. shield	silver-plated copper braid, >90% coverage
insulation	TPE
2. shield	bare copper braid, 85% coverage
outer jacket	PUR
overall diameter	11.0 mm

mechanics

min. bending radius	80 mm
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electric

characteristic impedance	75 Ω ± 2%
capacitance cond.	
1. shield	54 pF/m
DC resistance	
inner conductor	< 15 Ω/km
1. shield	< 8 Ω/km
screening attenuation	
30 MHz - 1 GHz	> 75 dB
attenuation [dB/100m]	
1 MHz	0.5
5 MHz	1.3
10 MHz	1.8
20 MHz	2.6
50 MHz	4.5
100 MHz	6.7
return loss	
1 - 100 MHz	> 26 dB
100 - 300 MHz	> 23 dB
max. operating voltage	600 V

order code	ref. type	outer jacket	working temperature	cable color	weight kg/m	standard lengths m
TRIA11LP	triax 11 flex	PUR	-40°C / +70°C	red	0.15	50 / 100 / 200 / 300 / 500

technical specifications are subject to change