









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VAN DAMME TRANSMISSION GRADE 11MM TRIAXIAL CAMERA CABLE



Van Damme 11 mm triax cable is a polyurethane (PUR) jacketed solid centre conductor type for outside broadcast use. Precision manufactured to ensure compatibility with industry standard triax connectors, this cable has a red outer sheath in accordance with the UK convention.

KEY BENEFITS	MATERIALS	APPLICATIONS
  <p>Precision 75Ω Impedance Extended Transmission Length</p>	   <p>Silver Plated Oxygen Free Copper Foamed polyethylene Polyurethane</p>	   <p>Broadcast Video Presentations</p>

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Applications

- For long transmission lengths and hostile environments typically found in outside broadcast situations

Application Notes

- Designed for and tested with the industry standard manufacturers' 11mm Triaxial connectors

Mechanical Specification

Conductor	1 x 1.40 mm silver plated oxygen-free copper
Conductor size	1 x 1.40 mm, 1.54 mm ² , AWG 15
Dielectric	Foamed polyethylene
Diameter	6.50 ± 0.15 mm
Screen 1 (Inner)	24 x 10 x 0.16 mm silver plated oxygen free braided copper, < 95% coverage
Internal jacket	Low density polyethylene
Diameter	8.60 ± 0.15 mm
Screen 2 (Outer)	24 x 10 x 0.15 mm bare oxygen free braided copper, < 95% coverage
Overall jacket	Polyurethane Ruby Red RAL 3003
Overall diameter	11.00 ± 0.30 mm
Bend Radius	10 x overall diameter
Operating temperature	-40 to +80 °C

Electrical Specification

Impedance at 200 MHz	75 ± 3 Ohms
Resistance	Conductor 11.20 Ohm/km
	Inner Screen 4.70 Ohm/km
Capacitance	56.5 pF/m
Velocity of Propagation	79.5%
Attenuation (dB/100m)	10 MHz 1.46
	100 MHz 4.77
	135 MHz 5.58
	180 MHz 6.47
	200 MHz 6.86
	270 MHz 6.86
	743 MHz 13.93
	1485 MHz 20.10

Part Number and Description

Part Number	Description	Max. Reel Length
268-300-020	Van Damme Transmission Grade 11mm triaxial cable PUR	600 m

Standards and Compliance

RoHS 2011/65/EU	Restriction of Hazardous Substances
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals