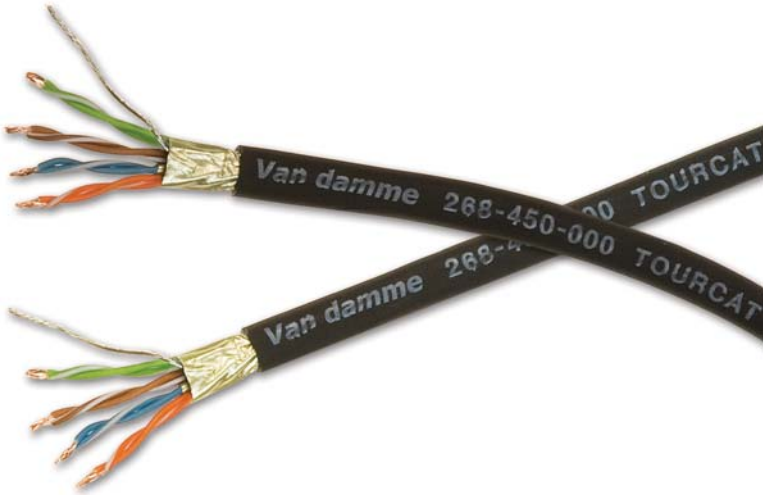




cable

TourCat Series Category 5E cable



Currently this range comprises a flexible screened stranded Cat 5E cable; please check the Van Damme and VDC websites for new products as this range will be expanded within the lifetime of this catalogue.

The Van Damme TourCat flexible patch cable has the feel and flexibility of Van Damme Microphone Cable combined with Category 5E performance to TIA/EIA-568-B.2-2001 standards. With Ethernet or Ethernet based protocols being increasingly used in the

entertainment industry a flexible roadworthy Cat 5E cable is a necessity and is ideal for use with Neutrik's Ethercon connector range.

Applications

- Patch cords and link cables for Ethernet and Ethernet based protocols
- Flexible and robust so ideal for touring and dynamic use
- Ideal for use with the Neutrik Ethercon

Application notes

- Meets the requirements of Category 5E TIA/EIA-568-B.2-2001
- Recommended maximum distance for 100MBits/s data rate is 85 metres; longer runs are possible but not guaranteed
- Ultra pure oxygen free copper for outstanding sonic integrity



data/control series

Mechanical specifications

Conductor	Material	Bare ultra pure oxygen free copper
	Stranding	7x 0.16mm (0.48mm ²) AWG 30/7
Dielectric	Material	Polyethylene
	Diameter	0.94mm
Lay up		4 x twisted pairs to TIA 568B
Screen	Material	Aluminium/polyethylene foil
Overall Jacket	Material	Flexible PVC Composite Jet Black RAL 9005
	Overall diameter	6.00mm

Physical properties un-aged

Jacket (at 60°C)	Tensile strength	>12.5N/mm ²
	Elongation	>100%
	Heat shock test	150 °C x 1 hour - no cracks
Installation tension		100N
Bend radius		8 x overall diameter
Weight		38 Kg/Km

Electrical specification

Characteristic Impedance	1-10; 20-100 MHz	100 Ohms ± 15
	10-20 MHz	100 Ohms ± 12
DC Conductor loop resistance		300 Ohms/Km
Velocity of propagation		66%
Nominal capacitance		50 pF/m
Insulation resistance		2000 M Ohm/Km

- Maximum reel length 500 metres

