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## VAN DAMME TOURCAT TRANSMISSION LENGTH GUIDELINES

The transmission lengths below have been derived from Fluke DTX series cable verifier tests, apart from the TourCat Cat 6A hybrid range where the Cat 6A element's specifications and field tests have been used. Test criteria and additional information are below:

- Category 5E Channel Link      Gigabit data rates (1000BaseT). Also applies to 100Mbit
- Category 6<sub>A</sub> Channel Link      10G data rates (10GBaseT)

Channel link testing in a network environment comprises a permanent link of up to 90 metres (e.g. patch panel to wall outlet), plus up to 5 metre patchcords at each end (e.g. patch panel to network switch, wall outlet to computer). As the Van Damme TourCat range is designed for touring applications channel link tests have been conducted on a single cable run without patch panels or patchcords. In most cases assemblies would be used from device to device – e.g. Digital Console Stage Rack to Control Surface; DVI-D Cat X converter transmitter to receiver.

If using patch panels and patchcords in a system precision components and high quality patchcords, preferably terminated to length rather than 'off the shelf', are strongly recommended.

Stock Code	Description	Gigabit	10G
268-450-000	Van Damme TourCat Cat 5E Flexible F/UTP	53 m	-
268-660-000	Van Damme TourCat Cat 6 Solid Conductor U/UTP	105 m	-
268-662-000	Van Damme TourCat Cat 6 Solid Conductor SF/UTP	77 m	-
268-466-000	Van Damme TourCat Cat 6A Flexible S/FTP	75 m	60 m
268-470-000	Van Damme TourCat Cat 7 Solid Conductor S/FTP*	105 m	95 m
268-662-002	Van Damme TourCat 2 x Cat 6A Solid Conductor F/UTP	100 m	-
268-662-004	Van Damme TourCat 4 x Cat 6A Solid Conductor F/UTP	100 m	-
268-662-402	Van Damme TourCat 2 x Cat 6A Solid Conductor F/UTP, 4 x AES pair	100 m	-
268-622-022	Van Damme TourCat 2 x Cat 6A F/UTP, 4 x AES pair, 1 x 3x2.5 HO5	100 m	-
268-622-084	Van Damme TourCat 4 x Cat 6A F/UTP, 8 x AES pair, 1 x 3x2.5 HO5	100 m	-

\*Terminated with Cat 6<sub>A</sub> RJ45 connectors

- See the relevant product datasheet for Fluke DTX test result graphs
- Longer transmission lengths may be possible but are not guaranteed