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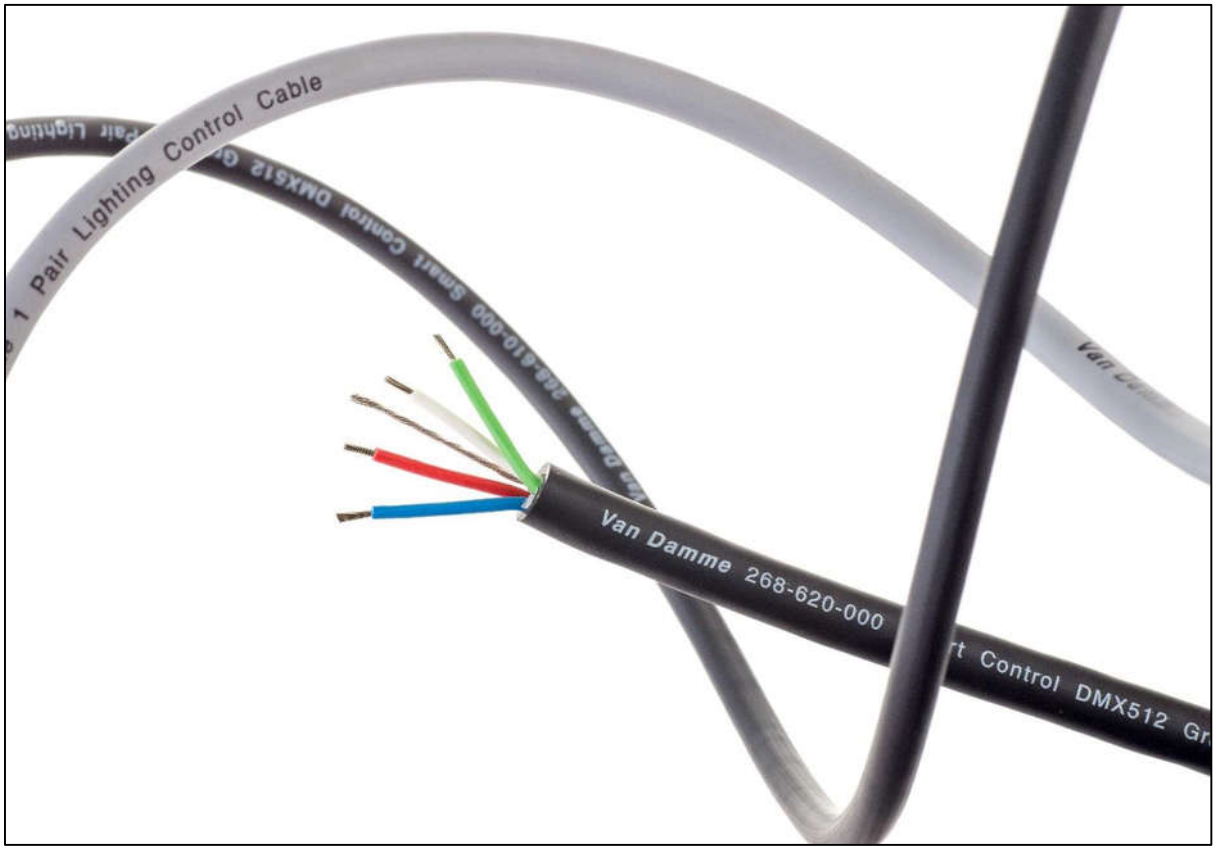
VAN DAMME SMART CONTROL DMX CABLE



Van Damme DMX512 Cables are robust, tour grade PVC jacketed precision foil screened cables for the transmission of the DMX512 lighting control protocol. 22 AWG conductors with foamed polyethylene insulation ensures accurate data transfer over longer distances. Available as a 1 pair in 3 colours, and 2 pair in black only.



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Applications

- DMX512 lighting control

Application Notes

- 22AWG conductors for optimum data transfer
- Flexible yet robust PVC jacket for reliable tactical use
- Grey jacketed 1 pair for discrete aluminium truss rigging
- Red jacketed 1 pair for DMX circuit identification in some applications

Mechanical Specification

Conductor	16 x 0.20 mm tinned oxygen-free copper
Conductor size	16 x 0.20 mm, 0.52 mm^2, AWG 20/16
Insulation	Foamed polyethylene
Pair colours	
1 Pair	Red/Blue
2 Pair	Red/Blue, Green/White
Screen	Aluminium/Polyester Foil >125% coverage
Jacket material	Flexible PVC/Neoprene composite
Overall diameter	
1 Pair	6.00 ± 0.30 mm
2 Pair	8.30 ± 0.30 mm
Bend radius	10 x overall diameter
Operating temperature	-20 to +70 ^oC

Electrical Specification

Resistance	Conductor	< 41 Ohm/km
	Insulation	> 20 MOhm/km
Capacitance	Core to core	50 pF/m
	Core to screen	105 pF/m
Impedance		85 Ohms at 1 MHz

Part Numbers and Description

Part Number	Description	RAL Code	Max. Reel Length
268-610-000	Van Damme Smart Control DMX 1 Pair Jet Black	RAL 9005	500 m
268-612-080	Van Damme Smart Control DMX 1 Pair Signal Grey	RAL 7004	500 m
268-614-020	Van Damme Smart Control DMX 1 Pair Flame Red	RAL 3000	500 m
268-620-000	Van Damme Smart Control DMX 2 Pair Jet Black	RAL 9005	500 m

Standards and Compliance

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