

Van Damme Blue Series Technical Specification

Pair conductor:	28 x 0.10mm (0.22mm sq.) 24AWG high purity plain OFC
Pair insulation:	Cross linked polyethylene (XLPE) ~ 1.00mm diameter
Screen:	Aluminium polyester foil tape ~ free edge foil (FEF)
Drain wire:	19 x 0.12mm (0.22mm sq.) 24AWG high purity tinned OFC
Pair jacket:	Highly flexible PVC numbered cores ~ 2.70mm diameter (RAL 5001)
Overall jacket:	Abrasion resistant special PVC composite
Jacket colour:	Matt petrol blue ~ RAL 5001
Temp.range:	-25' ~ +70' Centigrade
Colour code:	IEC ~ see appendix + Van Damme extension (lines 37 to 48)
D.C.resistance:	< 85 ohms/Km
Capacitance:	<100pF per metre core to core <200pF per metre core to core + screen
Inductance:	0.5uH per metre
Voltage rating:	250V
Construction:	Twin conductors of plain (non tinned) Oxygen Free Copper with cross linked polyethylene (XLPE) insulation twisted together a with tinned OFC drain wire. Individually shielded with aluminium/polyester free edge foil tape .Each individual pair oversheathed in flexible PVC and numbered. Pairs cabled with flexible fillers and talc lubricant.All cores oversheathed with highly flexible PVC abrasion resistant outer jacket.

<u>FEC Stock Code</u>	<u>No.Pairs</u>	<u>O.D.</u> <u>mm</u>	<u>Weight</u> <u>Kg/Km</u>	<u>Jacket Thickness</u> <u>mm</u>	<u>Max.Length</u> <u>metres</u>
798-459	4	9.6	105	1.5	500
798-460	8	12.2	175	1.5	500
798-472	12	14.3	228	1.5	500
798-484	16	16.3	310	1.8	500
798-496	24	20.8	480	2.0	250
798-502	32	22.1	590	2.0	250
798-514	40	25.0	720	2.1	100
798-526	48	26.3	855	2.1	100