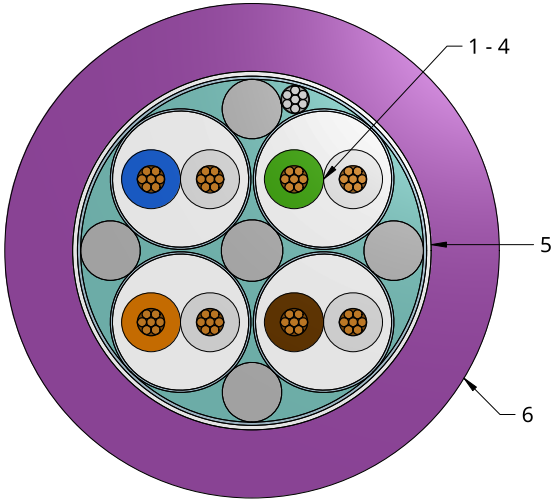
Part No: MEDUSA09

Customer Ref:



No	Description	Colr	Dia mm
1 2 3 4	**4 Position Data Pairs** 24 AWG (7/0.20mm) Plain Soft Copper HDPE Insulated to 1.30mm 2 off twisted together differential lays of 10mm, 12mm, 14mm & 16mm with Thermoplastic encapsulation to 3.00mm Overall helical 12/23µm Ali/PET foil screen, minimum overlap 50% - FOIL OUT	BU/WH OR/WH GN/WH BN/WH	3.10
5	**Lay Up** Items 1 - 4 cabled together around a central filler with fillers and a Tinned Copper drain wire in interstice All voids filled with vulcanised silicone compound Overall helical 12/23µm Ali/PET foil screen, minimum overlap 50% Overall helical non-woven polyester tissue tape, minimum overlap 30%	N/A	7.90
6	**Jacket** Polyether Polyurethane 75 Shore A Halogen Free 1.50mm nom RTI	VT	10.90 +/- 0.30

Note	
Electrical Characteristics	
Data Pairs	
Maximum Conductor Resistance	91.70 Ω/KM @ 20°C
Nominal Characteristic Impedance	104 Ω
Nominal Capacitance	68 pF/m
Calculated Inductance	0.60 mH/km
Mechanical Characteristics	
Maximum Operating Temp	
Static	+70°C
Dynamic	+60°C
Cold Flex Temp	-20°C
Min Recommended Bend Radius	
Static	88 mm
Dynamic	164 mm
Depth Rating	6,000 M
Nominal Weight	
In Air	134 KG/KM
In Sea Water @ SG 1.025	38 KG/KM

Print Details
Text: Concept Cables Ltd ENGLAND www.conceptcables.com
Medusa Deep Water Ethernet
Repeat: 1,000mm
Colour: Black

Note
Maximum Continuous Production Length: 1,000M

UK UK CA NI RoHS COMPLIANT 2011/65/EC LVD COMPLIANT 2014/35/EU

ISSUE	DESCRIPTION	DRWN	DATE	CKD	DATE	APPD	DATE
01	Quotation	TI	19/01/26	AJK	19/01/26	JM	04/02/26

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Conceptcables FROM CONCEPT TO CABLE

TITLE 8C-24AWG-4STP-4JSTP-WB-PU-VT-10.90

DESCRIPTION Medusa 9 Deep Water Ethernet

CUSTOMER