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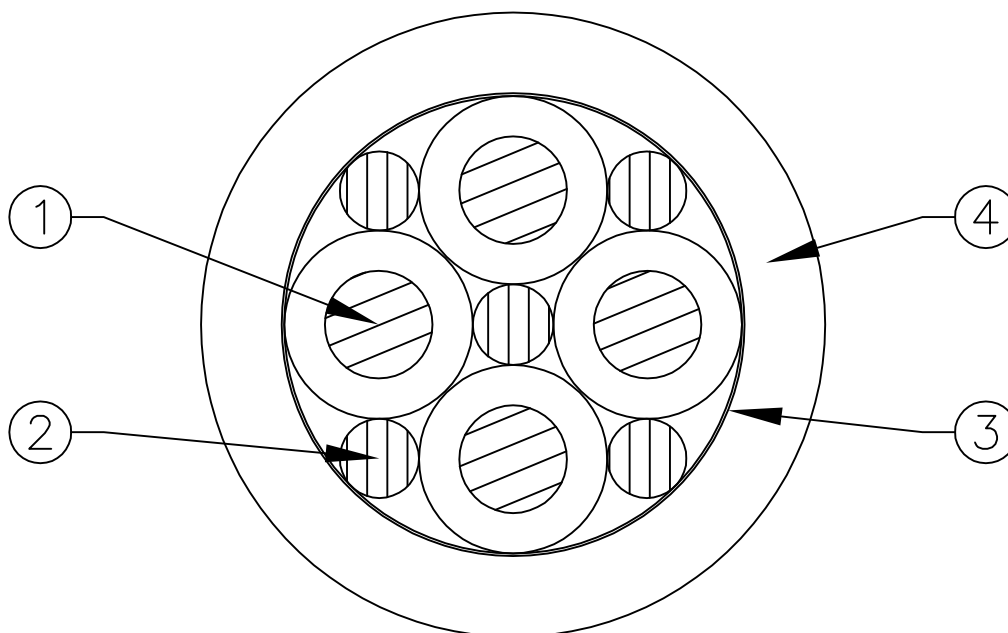
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CABLE ATTRIBUTES	APPROX.	APPROX.
OVERALL DIAMETER	11.6 mm	0.46"
RADIAL THICKNESS OF OUTER SHEATH	1.5 mm	0.06"
LAI D UP DIAMETER OF CABLE	8.6 mm	0.34"
WEIGHT OF CABLE IN AIR (APPROX.)	185 kg/km	124 lb/1000ft
WEIGHT OF CABLE IN SEAWATER (APPROX.)	76 kg/km	51 lb/1000ft
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 50 °C	-4 to 122 °F
MAXIMUM CONDUCTOR TEMPERATURE	60 °C	140 °F
MINIMUM RECOMMENDED STATIC BEND RADIUS	93 mm	3.66"
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	139 mm	5.47"
MAXIMUM CONTINUOUS LENGTH	1500 m	4921 ft
MAXIMUM WORKING PRESSURE	2000 PSI	133 BAR

ITEM	QTY.	DESCRIPTION
1	4	2.5 mm ² CONDUCTOR (HIGH DENSITY POLYETHYLENE INSULATION)
2	5	1.85 mm DIAMETER FILLER (POLYPROPYLENE MATERIAL)
3	A/R	POLYESTER TAPE
4	A/R	POLYURETHANE SHEATH (R.T. 1.5 mm)



O.D. 11.6 mm ±0.5 mm

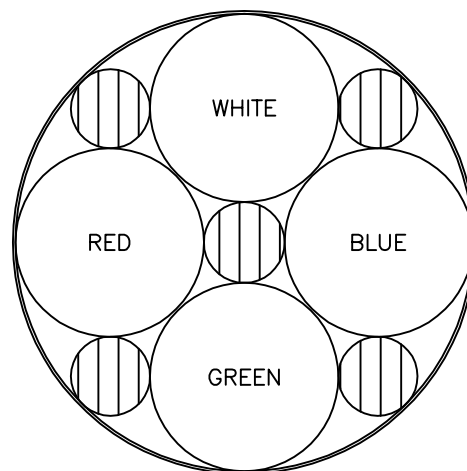
DESCRIPTION :

4 CONDUCTORS (2.5 mm², HIGH DENSITY POLYETHYLENE INSULATION) + POLYURETHANE SHEATH (R.T. 1.5 mm)

CABLE TESTED IN PART TO: NES 517 PT 02 ISS 1

PRINT DETAILS: HCS - CS 1805 - 06 - NES 517

CORE COLOUR CHART



ELECTRICAL CHARACTERISTICS	2.5 mm ²
MAX CONDUCTOR RESISTANCE @ 20°C	8.21 Ω/km
VOLTAGE RATING	500 V AC
ROUTINE TEST VOLTAGE	2 kV AC/ 3 kV DC
TEST VOLTAGE DURATION	1 MINUTE
AC SPARK TEST VOLTAGE	6 kV
CURRENT RATING @ 35°C	20 A
INSULATION RESISTANCE 15-35°C @ 500 V DC	> 1000 MΩ/km

				"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE			
				CUSTOMER ISSUE NOTIFICATION:- NO			
				CUSTOMER NAME. N/A			
				CUSTOMER REF. No. N/A			
				REFERENCE DOCUMENTATION DS 5093			
04	9929	NEW TEMPLATE, UPDATE DESIGN	I.S.	23.04.15	S.M.	A.S.	
03	5093	PERFORMANCE RECORDS	C.F.	05.08.08	C.G.	C.G.	
02	1934	REDUCE CORE SIZE, RAISE PRESSURE	J.R.	30.04.15	D.W.	D.W.	
01	1857	FIRST ISSUE	R.M.	23.02.05	D.W.	D.W.	
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	



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TITLE
 4 CORES (2.5 mm²) +
 POLYURETHANE SHEATH

DRG. No. CS 1805 SHEET 01 OF 04 ISSUE 04
 DRG. No. ACTIVE