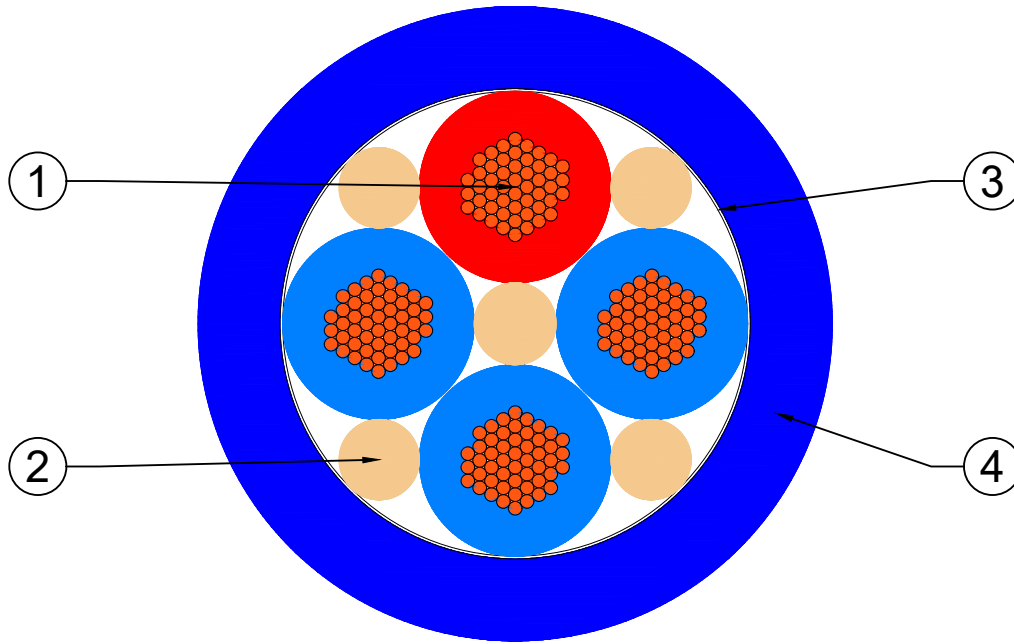


CABLE ATTRIBUTES	APPROX.
NOMINAL OVERALL DIAMETER	11.6 mm
NOMINAL RADIAL THICKNESS OF OUTER SHEATH	1.5 mm
NOMINAL LAID UP DIAMETER OF CABLE	8.6 mm
WEIGHT OF CABLE IN AIR (APPROX.)	187 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	74 kg/km
WEIGHT OF CABLE IN FRESHWATER (APPROX.)	77 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 80 °C
MAXIMUM CONDUCTOR TEMPERATURE	90 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	93 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	139 mm
MAXIMUM CONTINUOUS LENGTH	3000 m
MAXIMUM HYDROSTATIC WORKING PRESSURE	2500 PSI (TBC)

ITEM	QTY.	DESCRIPTION
1	4	2.5 mm ² X.L.P.E. INSULATED CONDUCTOR
2	5	1.55 mm DIAMETER P.P. FILLER
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 CORES (2.5 mm², CLASS 5 STRANDED TINNED COPPER, CROSS LINKED POLYETHYLENE INSULATION) + POLYURETHANE SHEATH (RADIAL THICKNESS 1.5 mm)

ELECTRICAL CHARACTERISTICS

CORE CROSS SECTIONAL AREA	2.5 mm ²
MAX CONDUCTOR RESISTANCE @ 20°C	8.21 Ω/km
VOLTAGE RATING U ₀ /U _m	0.6/1.0 (1.2) V AC
ROUTINE TEST VOLTAGE	3.5 kV AC/ 8.4 kV DC
VOLTAGE TEST DURATION	5 MINUTES
AC SPARK TEST VOLTAGE	6 kV
CURRENT RATING IN FREE AIR @ 30°C	23 A
INSULATION RESISTANCE 20°C @ 500 V DC	> 814 MΩ.km

"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE



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CUSTOMER ISSUE NOTIFICATION:- NO

CUSTOMER NAME. N/A

CUSTOMER REF. No. N/A

REFERENCE DOCUMENTATION

TITLE
4 CORES (2.5 mm²) +
POLYURETHANE SHEATH

ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	DRG. STATUS
06	13529	NEW COLOUR TEMPLATE	S.M.	25.07.19	S.D.	R.Z.	ACTIVE
05	10229	PRODUCTION RECORDS UPDATE	R.L.	04.08.15	S.M.	I.S.	
04	10116	CORES UPATED	R.L.	30.06.15	S.M.	R.Z.	
03	5443	CONDUCTOR STRANDING CHANGED	M.G.	03.03.09	C.G.	C.G.	
02	2446	N/A	M.Y.	06.08.08	N/A	E.D.	
01	N/A	FIRST ISSUE	N/A	N/A	N/A	N/A	

DRG. STATUS
ACTIVE

DRG. No. **CS 2102**

SHT 01 OF 04 ISSUE 06