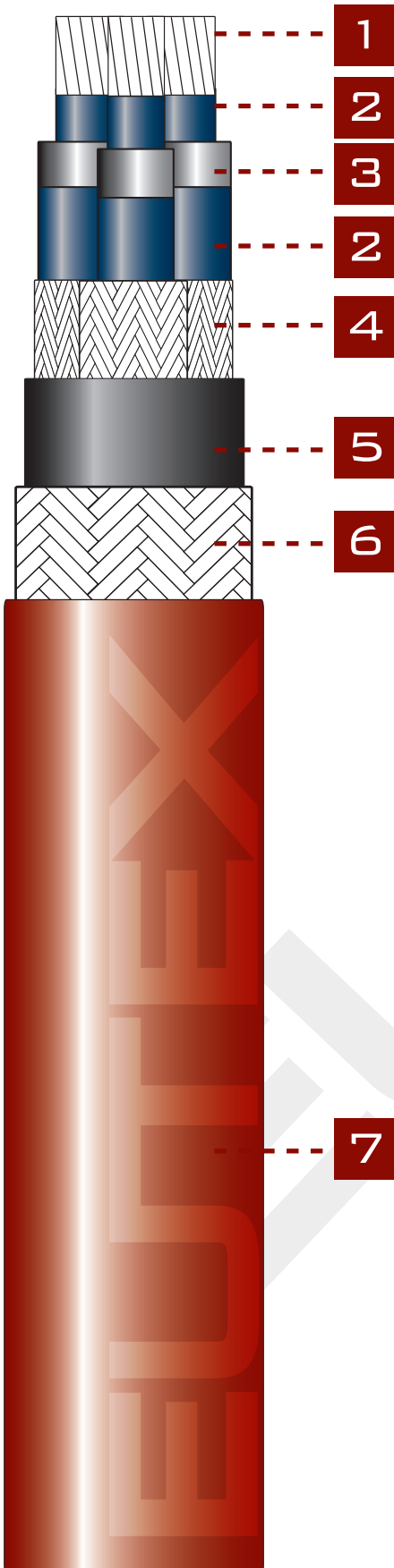


MEDIUM VOLTAGE 3.6/6 kV
 HALOGEN FREE & MUD RESISTANT



Design and Construction IEC 60092-354 IEC 60502
 Nominal Voltage 3.6/6 kV
 Maximal Rated Temperature.. 90° C
 Flame Retardancy IEC 60332-1 IEC 60332-3-22
 Corrosivity IEC 60754-1 IEC 60754-2
 Smoke Density IEC 61034-2
 MUD Resistance NEK 606

On request:
 Cold Bend and impact (-40° C) CSA C22.2 No 38-95

CONSTRUCTION DATA

- 1** CONDUCTORTinned stranded compacted copper IEC 60228 class 2
- 2** SEMICONDUCTORHalogen free EPR compound
- 3** INSULATION.....Halogen free EPR compound
- 4** SCREENTinned copper wire braid according to IEC 60092-352
- 5** SCREENHalogen free compound
- 6** ARMOUR.....Tinned copper wire braid
- 7** OUTER SHEATH.....SHF2 MUD thermoset compound halogen free & MUD resistant

CORES IDENTIFICATION

BY COLORED OR NUMBERED TAPES

Sheath Color.....Red

SHEATH MARKING

RFOU P2/P9 3.6/6 kV n x s / braid mm²

NEK 606 IEC 60332-3-22 QA ref Metric marking

NOMINAL DIMENSIONAL & ELECTRICAL DATA

3.6/6 kV

Construction (mm ²)	EUT-01G-	Insulation Thickness (mm)	Under Armour Diameter (mm)	Outer Sheath Thickness (mm)	Overall Diameter (approx) (mm)	Weight (approx) (kg/km)	Bending Radius (mm)	Conductor Resistance at 20°C (Ω/km)	Current Rating at 45°C (A)	Short Circuit Rating (kA)
1x25	01C025-J	6.1	14.1	18.5	23.5	900	190	0.734	140	3.4
1x35	01C035-J	7.2	15.2	20.5	25.5	1170	205	0.529	171	5.0
1x50	01C050-J	8.3	16.3	22.5	29	1360	230	0.391	204	7.1
1x70	01C070-J	10.3	18.4	25.0	30	1650	240	0.270	257	9.9
1x95	01C095-J	11.8	19.8	27.0	32	1960	255	0.195	314	13.5
1x120	01C120-J	13.2	21.3	29.0	34	2270	270	0.154	363	17.0
1x150	01C0150-J	14.3	22.5	30.0	36	2550	290	0.126	410	21.2
1x185	01C185-J	16.5	24.5	32.0	38.5	3190	310	0.100	472	26.0
1x240	01C240-J	19.0	27.1	34.5	40	3715	320	0.076	558	34.5
1x300	01C300-J	22.0	30.0	37.0	44.5	4580	360	0.061	640	43.0

3x25	03C025-J	6.1	14.1	39.5	45.5	3220	365	0.734	102	3.4
3x35	03C035-J	7.2	15.2	43.0	48.5	3820	390	0.53	123	5.0
3x50	03C050-J	8.3	16.3	46.5	53	4550	425	0.391	148	7.1
3x70	03C070-J	10.3	18.4	49.0	56	5610	450	0.270	185	9.9
3x95	03C095-J	11.8	19.8	52.5	61	6880	490	0.195	224	13.5
3x120	03C120-J	13.2	21.3	56.0	63.5	7930	510	0.154	259	17.0
3x150	03C150-J	14.3	22.5	58.0	67	9390	535	0.126	292	21.2
3x185	03C185-J	16.5	24.5	65.0	74	11,100	590	0.100	336	26.0