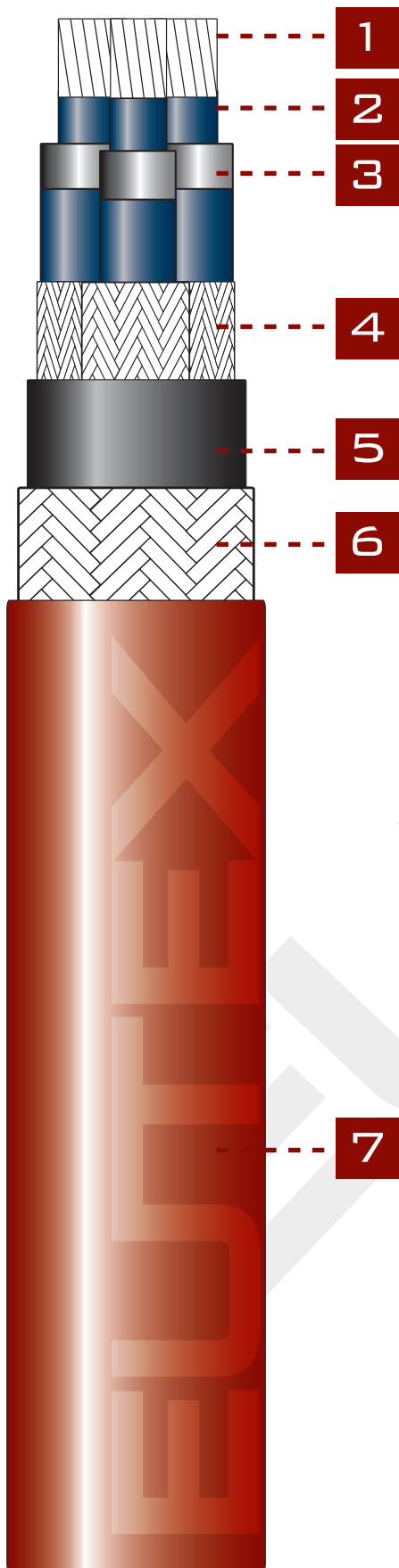


MEDIUM VOLTAGE 8.7/15 kV  
 HALOGEN FREE & MUD RESISTANT



Design and Construction .....	IEC 60092-354	IEC 60502
Nominal Voltage U <sub>0</sub> /U.....	8.7/15 kV	
Maximum 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**

<b>1</b> CONDUCTOR .....	Tinned stranded compacted copper IEC 60228 class 2
<b>2</b> SEMICONDUCTOR .....	Halogen free EPR compound
<b>3</b> INSULATION.....	Halogen free EPR compound
<b>4</b> SCREEN .....	Tinned copper wire braid according to IEC 60092-352
<b>5</b> BEDDING .....	Halogen free compound
<b>6</b> ARMOUR.....	Tinned copper wire braid
<b>7</b> OUTER SHEATH.....	SHF2 MUD thermoset compound Halogen free & MUD resistant

**CORES IDENTIFICATION BY COLORED OR NUMBERED TAPES**

Sheath Color.....Red

**SHEATH MARKING**

RFOU P4/P11 8.7/15 kV n x s / braid mm<sup>2</sup>  
 NEK 606 IEC 60332-3-22 QA ref Metric marking

## NOMINAL DIMENSIONAL &amp; ELECTRICAL DATA

8.7/15 KV

Construction (mm <sup>2</sup> )	EUT-01J	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	18.1	22.5	28	1280	225	0.734	138	3.4
1x35	01C035-J	7.2	19.2	24.0	30	1420	240	0.529	167	5.0
1x50	01C050-J	8.3	20.3	25.5	33	1630	265	0.391	201	7.1
1x70	01C070-J	10.3	22.3	28.0	34.5	1950	275	0.270	252	9.9
1x95	01C095-J	11.8	23.7	29.0	36	2260	290	0.195	307	13.5
1x120	01C120-J	13.2	25.1	30.5	37.5	2580	300	0.154	354	17.0
1x150	01C050-J	14.3	26.3	32.0	39.5	3090	315	0.126	402	21.2
1x185	01C185-J	16.5	28.3	33.5	41	3580	330	0.100	460	26.0
1x240	01C240-J	19.0	30.9	37.5	44.5	4450	355	0.076	551	34.5
1x300	01C300-J	22.0	33.9	41.0	49	5180	395	0.061	625	43.0

3x25	03C025-J	6.1	18.1	45.0	53	4270	425	0.735	110	3.4
3x35	03C035-J	7.2	19.2	48.0	56	4890	450	0.530	134	5.0
3x50	03C050-J	8.3	20.3	51.5	59	5650	470	0.391	159	7.1
3x70	03C070-J	10.3	22.3	54.5	64	6850	510	.0270	198	9.9
3x95	03C095-J	11.8	23.7	59.0	68.5	8110	550	0.195	239	13.5
3x120	03C120-J	13.2	25.1	63.0	72	9750	575	0.154	275	17.0
3x150	03C150-J	14.3	26.3	67.0	76.5	10,900	610	0.126	351	21.1