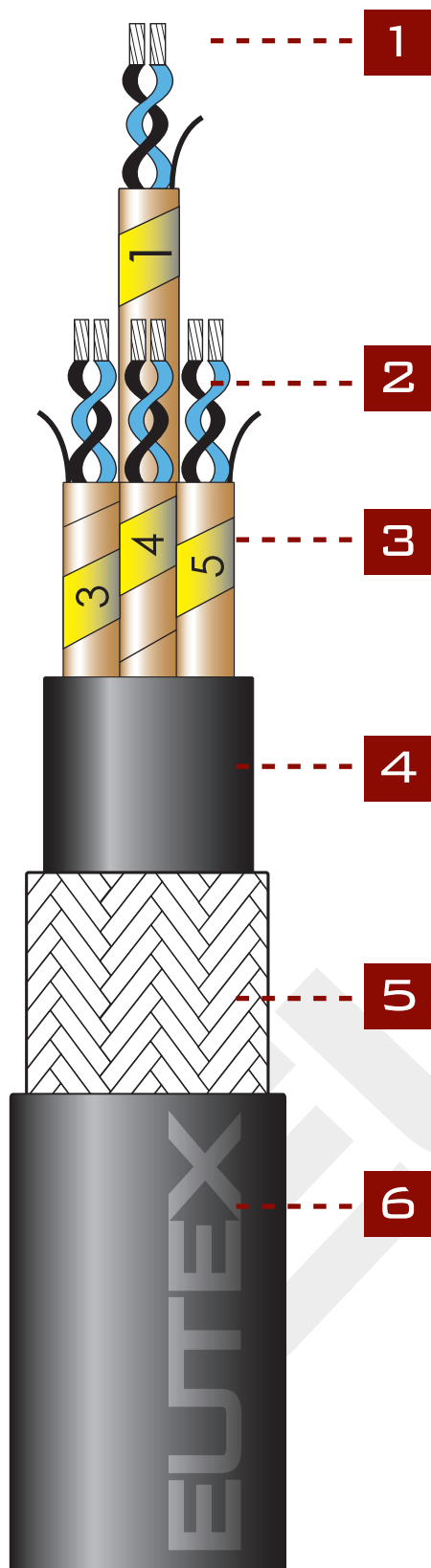




Design and Construction IEC 60092-376:2003

Nominal Voltage 250 V

Operating 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** CONDUCTOR Tinned stranded copper wire
IEC 60228 class 2
- 2** INSULATION Halogen free EPR compound
- 3** INDIVIDUAL SCREEN Copper/polyester tape
Tinned copper train wire
- 4** BEDDING Halogen free compound
- 5** ARMOUR Tinned copper wire braid
according to IEC 60092-376:2003
- 6** OUTER SHEATH SHF2 MUD thermoset compound
Halogen free & MUD resistant

PAIR/TRIPLE IDENTIFICATION

Pair Black Light Blue
Triple Light Blue Black Brown
(Pairs/triples progressively numbered)

SHEATH COLOR Grey (Blue for intrinsically safe)

SHEATH MARKING

RFOU(i) S1/S5 250 V n x p(trp) x s mm²

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

NOMINAL DIMENSIONAL & ELECTRICAL DATA

250 V

Construction (mm ²)	EUT-01C-	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)
1x2x0.75	01P.75-Y	0.6	8.0	1.3	11.5	200	70	27.6
2x2x0.75	02P.75-Y	0.6	11.8	1.4	15.5	320	95	27.6
4x2x0.75	04P.75-Y	0.6	14.2	1.5	18.5	475	110	27.6
7x2x0.75	07P.75-Y	0.6	17.0	1.6	21.5	675	125	27.6
8x2x0.75	08P.75-Y	0.6	19.3	1.7	24	750	135	27.6
12x2x0.75	12P.75-Y	0.6	22.7	1.9	27.5	1030	160	27.6
16x2x0.75	16P.75-Y	0.6	25.1	2.0	31	1360	180	27.6
19x2x0.75	19P.75-Y	0.6	26.2	2.1	32	1555	195	27.6
24x2x0.75	24P.75-Y	0.6	30.4	2.2	35	2030	225	27.6
32x2x0.75	32P.75-Y	0.6	33.7	2.4	39	2465	245	27.6
1x3x0.75	01T.75-Y	0.6	8.4	1.3	12	215	75	27.6
2x3x0.75	02T.75-Y	0.6	13.1	1.5	17.5	380	105	27.6
4x3x0.75	04T.75-Y	0.6	15.5	1.6	20.5	570	120	27.6
7x3x0.75	07T.75-Y	0.6	19.5	1.7	25	840	145	27.6
8x3x0.75	08T.75-Y	0.6	21.0	1.8	26	940	155	27.6
12x3x0.75	12T.75-Y	0.6	25.8	2.0	30.5	1280	180	27.6
16x3x0.75	16T.75-Y	0.6	28.5	2.1	34	1625	200	27.6
19x3x0.75	19T.75-Y	0.6	31.5	2.2	37	1920	230	27.6
24x3x0.75	24T.75-Y	0.6	34.0	2.4	41	2370	240	27.6
32x3x0.75	32T.75-Y	0.6	38.2	2.6	46	3170	280	27.6

1x2x1	01P001-Y	0.6	8.3	1.3	12	215	75	20.7
2x2x1	02P001-Y	0.6	12.8	1.5	17	355	100	20.7
4x2x1	04P001-Y	0.6	15.0	1.5	20	510	115	20.7
7x2x1	07P001-Y	0.6	18.1	1.7	23.5	745	135	20.7
8x2x1	08P001-Y	0.6	20.5	1.8	25.5	832	145	20.7
12x2x1	12P001-Y	0.6	23.7	1.9	29.5	1130	165	20.7
16x2x1	16P001-Y	0.6	26.1	2.0	32	1485	190	20.7
19x2x1	19P001-Y	0.6	27.8	2.1	34	1705	205	20.7
24x2x1	24P001-Y	0.6	32.2	2.4	38.5	2355	240	20.7
32x2x1	32P001-Y	0.6	36.5	2.5	44	2790	260	20.7
1x3x1	01T001-Y	0.6	8.8	1.3	12.5	230	75	20.7
2x3x1	02T001-Y	0.6	14.0	1.5	18	415	105	20.7
4x3x1	04T001-Y	0.6	16.0	1.6	21	620	125	20.7
7x3x1	07T001-Y	0.6	21.2	1.8	26.5	940	150	20.7
8x3x1	08T001-Y	0.6	22.1	1.9	28	1050	160	20.7
12x3x1	12T001-Y	0.6	27.3	2.0	33.5	1460	190	20.7
16x3x1	16T001-Y	0.6	29.8	2.2	36	2055	225	20.7
19x3x1	19T001-Y	0.6	31.5	2.4	38.5	2370	240	20.7
24x3x1	24T001-Y	0.6	37.0	2.5	45	2810	260	20.7
32x3x1	32T001-Y	0.6	40.8	2.7	48.5	3550	295	20.7

1x2x1.5	01P1.5-Y	0.7	9.0	1.3	12.5	240	75	14.1
2x2x1.5	02P1.5-Y	0.7	13.8	1.5	18	395	105	14.1
4x2x1.5	04P1.5-Y	0.7	16.5	1.6	21.5	595	120	14.1
7x2x1.5	07P1.5-Y	0.7	20.0	1.7	24.5	865	145	14.1
8x2x1.5	08P1.5-Y	0.7	21.8	1.9	27	980	155	14.1
12x2x1.5	12P1.5-Y	0.7	26.3	2.0	32	1405	185	14.1
16x2x1.5	16P1.5-Y	0.7	28.7	2.2	34.5	1770	205	14.1
19x2x1.5	19P1.5-Y	0.7	29.7	2.2	36.5	2270	235	14.1
24x2x1.5	24P1.5-Y	0.7	35.1	2.5	41.5	2630	250	14.1
32x2x1.5	32P1.5-Y	0.7	37.5	2.6	46	3295	285	14.1
1x3x1.5	01T1.5-Y	0.7	9.4	1.3	13	260	80	14.1
2x3x1.5	02T1.5-Y	0.7	15.0	1.5	19.5	470	115	14.1
4x3x1.5	04T1.5-Y	0.7	18.0	1.6	23.5	720	130	14.1
7x3x1.5	07T1.5-Y	0.7	22.9	1.8	28	1100	160	14.1
8x3x1.5	08T1.5-Y	0.7	24.0	1.9	29	1235	175	14.1
12x3x1.5	12T1.5-Y	0.7	29.3	2.2	34.5	1795	205	14.1
16x3x1.5	16T1.5-Y	0.7	33.3	2.3	40	2435	240	14.1
19x3x1.5	19T1.5-Y	0.7	34.5	2.4	41	2710	250	14.1
24x3x1.5	24T1.5-Y	0.7	38.5	2.7	45.5	3380	285	14.1
32x3x1.5	32T1.5-Y	0.7	44.0	2.8	52.5	4260	320	14.1

PLEASE SUBSTITUTE -W FOR -Y IF YOU REQUIRE A BLUE OUTER SHEATH FOR IS CIRCUITS