



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** COMMON SCREEN.....Copper/polyester tape
Tinned copper drain wire
- 4** BEDDINGHalogen 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

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

SHEATH COLOR.....Grey (Blue for intrinsically safe)

SHEATH MARKING

RFOU(c) S2/S6 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-01E-	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	11.5	1.4	15.5	315	95	27.6
4x2x0.75	04P.75-Y	0.6	13.8	1.5	18	435	110	27.6
7x2x0.75	07P.75-Y	0.6	16.2	1.6	20.5	590	130	27.6
8x2x0.75	08P.75-Y	0.6	18.3	1.7	22.5	660	135	27.6
12X2.075	12P.75-Y	0.6	21.3	1.9	26	880	160	27.6
16x2x0.75	16P.75-Y	0.6	24.2	2.0	28.5	1115	185	27.6
19x2x0.75	19P.75-Y	0.6	25.2	2.1	29.5	1300	195	27.6
24x2x0.75	24P.75-Y	0.6	29.1	2.2	33.5	1705	225	27.6
32x2x0.75	32P.75-Y	0.6	32.3	2.4	37.5	2025	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	12.9	1.5	17	360	105	27.6
4x3x0.75	04T.75-Y	0.6	15.1	1.6	19.5	505	120	27.6
7x3x0.75	07T.75-Y	0.6	19.1	1.7	24	710	145	27.6
8x3x0.75	08T.75-Y	0.6	20.5	1.8	25	790	155	27.6
12x3x0.75	12T.75-Y	0.6	24.2	2.0	29	1040	180	27.6
16x3x0.75	16T.75-Y	0.6	27.2	2.1	32	1355	200	27.6
19x3x0.75	19T.75-Y	0.6	28.9	2.2	34	1715	230	27.6
24x3x0.75	24T.75-Y	0.6	32.8	2.4	38	1960	245	27.6
32x3x0.75	32T.75-Y	0.6	36.3	2.6	42.5	2490	275	27.6

1x2x1	01P001-Y	0.6	8.3	1.3	12	215	75	20.7
2x2x1	02P001-Y	0.6	12.4	1.5	16.5	345	100	20.7
4x2x1	04P001-Y	0.6	14.5	1.5	19	475	115	20.7
7x2x1	07P001-Y	0.6	17.0	1.7	22	670	135	20.7
8x2x1	08P001-Y	0.6	18.5	1.8	24	745	145	20.7
12x2x1	12P001-Y	0.6	22.5	1.9	27.5	980	165	20.7
16x2x1	16P001-Y	0.6	24.7	2.0	29	1280	190	20.7
19x2x1	19P001-Y	0.6	26.1	2.1	31	1455	205	20.7
24x2x1	24P001-Y	0.6	30.6	2.4	35.5	1940	240	20.7
32x2x1	32P001-Y	0.6	34.7	2.5	40.5	2355	260	20.7
1x3x1	01T001-Y	0.6	8.8	1.3	12.5	230	75	20.7
2x3x1	02T001-Y	0.6	13.5	1.5	17.5	390	110	20.7
4x3x1	04T001-Y	0.6	15.5	1.6	20	555	125	20.7
7x3x1	07T001-Y	0.6	20.1	1.8	24.5	805	150	20.7
8x3x1	08T001-Y	0.6	21.6	1.9	27	895	160	20.7
12x3x1	12T001-Y	0.6	25.9	2.0	31	1210	190	20.7
16x3x1	16T001-Y	0.6	28.5	2.2	33.5	1715	225	20.7
19x3x1	19T001-Y	0.6	30.0	2.4	36	1965	240	20.7
24x3x1	24T001-Y	0.6	34.5	2.5	41.5	2290	260	20.7
32x3x1	32T001-Y	0.6	38.0	2.7	45	2850	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	13.3	1.5	17.5	390	105	14.1
4x2x1.5	04P1.5-Y	0.7	15.5	1.6	20	560	120	14.1
7x2x1.5	07P1.5-Y	0.7	19.0	1.7	23	785	145	14.1
8x2x1.5	08P1.5-Y	0.7	20.4	1.9	25	885	155	14.1
12x2x1.5	12P1.5-Y	0.7	24.9	2.0	29.5	1215	185	14.1
16x2x1.5	16P1.5-Y	0.7	27.2	2.2	32	1560	205	14.1
19x2x1.5	19P1.5-Y	0.7	28.2	2.2	33.5	1930	235	14.1
24x2x1.5	24P1.5-Y	0.7	33.1	2.5	38.5	2305	250	14.1
32x2x1.5	32P1.5-Y	0.7	33.5	2.6	43	2850	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	14.5	1.5	19	445	115	14.1
4x3x1.5	04T1.5-Y	0.7	17.0	1.6	22	650	130	14.1
7x3x1.5	07T1.5-Y	0.7	21.7	1.8	26	955	160	14.1
8x3x1.5	08T1.5-Y	0.7	23.3	1.9	27	1065	175	14.1
12x3x1.5	12T1.5-Y	0.7	27.8	2.2	32	1535	205	14.1
16x3x1.5	16T1.5-Y	0.7	30.8	2.3	36	2080	240	14.1
19x3x1.5	19T1.5-Y	0.7	32.7	2.4	38.5	2280	250	14.1
24x3x1.5	24T1.5-Y	0.7	37	2.7	42.5	2830	285	14.1
32x3x1.5	32T1.5-Y	0.7	42	2.8	48.5	3515	320	14.1

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