



Design and Construction IEC 60092-376:2003
 Nominal Voltage 250 V
 Maximum Rated Temperature 90° C
 Flame Retardancy IEC 60332-1 IEC 60332-3-22
 Flame Resistance IEC 60331-31
 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 Mica tape +
Halogen free EPR compound
- 3** COMMON SCREEN Copper/polyester tape
Tinned copper drain 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

BFOU(c) S4/S8 250 V n x p(trp) x s mm²
 NEK 606 IEC 60331-31 QA ref Metric marking

NOMINAL DIMENSIONAL & ELECTRICAL DATA

250 V

Construction (mm ²)	EUT-01F-	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	8.4	1.3	12	215	75	27.6
2x2x0.75	02P.75-Y	0.6	13.0	1.4	16.5	360	105	27.6
4x2x0.75	04P.75-Y	0.6	15.0	1.5	19.5	505	120	27.6
7x2x0.75	07P.75-Y	0.6	17.3	1.6	22	700	140	27.6
8x2x0.75	08P.75-Y	0.6	19.9	1.7	25	780	150	27.6
12x2x0.75	12P.75-Y	0.6	23.2	1.9	28.5	1040	180	27.6
16x2x0.75	16P.75-Y	0.6	25.3	2.0	32	1360	205	27.6
19x2x0.75	19P.75-Y	0.6	26.3	2.1	33	1715	230	27.6
24x2x0.75	24P.75-Y	0.6	30.5	2.2	37.5	1850	240	27.6
32x2x0.75	32P.75-Y	0.6	34.2	2.4	40	2415	275	27.6
1x3x0.75	01T.75-Y	0.6	9.0	1.3	12.5	235	75	27.6
2x3x0.75	02T.75-Y	0.6	14.1	1.5	18.5	410	115	27.6
4x3x0.75	04T.75-Y	0.6	16.5	1.6	21	580	130	27.6
7x3x0.75	07T.75-Y	0.6	21.3	1.7	25	830	160	27.6
8x3x0.75	08T.75-Y	0.6	22.3	1.8	27.5	925	170	27.6
12x3x0.75	12T.75-Y	0.6	26.5	2.0	31.5	1230	200	27.6
16x3x0.75	16T.75-Y	0.6	28.5	2.1	34	1785	240	27.6
19x3x0.75	19T.75-Y	0.6	31.5	2.2	37	1845	245	27.6
24x3x0.75	24T.75-Y	0.6	35.8	2.4	42.5	2320	275	27.6
32x3x0.75	32T.75-Y	0.6	39.1	2.6	45.5	2960	315	27.6

1x2x1	01P001-Y	0.6	9.1	1.3	13	240	75	20.7
2x2x1	02P001-Y	0.6	14.0	1.5	18	405	110	20.7
4x2x1	04P001-Y	0.6	15.5	1.5	20	565	130	20.7
7x2x1	07P001-Y	0.6	18.5	1.7	23.5	805	150	20.7
8x2x1	08P001-Y	0.6	21.0	1.8	26	890	160	20.7
12x2x1	12P001-Y	0.6	25.1	1.9	30	1185	190	20.7
16x2x1	16P001-Y	0.6	26.5	2.0	32	1720	230	20.7
19x2x1	19P001-Y	0.6	28.5	2.1	35	1950	245	20.7
24x2x1	24P001-Y	0.6	33.1	2.4	38.5	2265	265	20.7
32x2x1	32P001-Y	0.6	36.5	2.5	43	2870	300	20.7
1x3x1	01T001-Y	0.6	9.6	1.3	13.5	260	80	20.7
2x3x1	02T001-Y	0.6	15.0	1.5	18.5	455	120	20.7
4x3x1	04T001-Y	0.6	17.5	1.6	23	665	140	20.7
7x3x1	07T001-Y	0.6	22.5	1.8	24.5	965	170	20.7
8x3x1	08T001-Y	0.6	23.5	1.9	29.5	1075	185	20.7
12x3x1	12T001-Y	0.6	28.5	2.0	34	1635	225	20.7
16x3x1	16T001-Y	0.6	30.5	2.2	36	1895	245	20.7
19x3x1	19T001-Y	0.6	32.6	2.4	39.5	2180	265	20.7
24x3x1	24T001-Y	0.6	38.0	2.5	44.5	2780	300	20.7
32x3x1	32T001-Y	0.6	42.0	2.7	49.5	3470	335	20.7

1x2x1.5	01P1.5-Y	0.7	9.7	1.3	13.5	260	80	14.1
2x2x1.5	02P1.5-Y	0.7	14.0	1.5	18.5	450	120	14.1
4x2x1.5	04P1.5-Y	0.7	16.8	1.6	21.5	655	135	14.1
7x2x1.5	07P1.5-Y	0.7	20.1	1.7	25	930	160	14.1
8x2x1.5	08P1.5-Y	0.7	23.1	1.9	28.5	1045	175	14.1
12x2x1.5	12P1.5-Y	0.7	26.4	2.0	31.5	1390	210	14.1
16x2x1.5	16P1.5-Y	0.7	29.1	2.2	34.5	1780	235	14.1
19x2x1.5	19P1.5-Y	0.7	30.5	2.2	36	2215	255	14.1
24x2x1.5	24P1.5-Y	0.7	35.5	2.5	42	2750	285	14.1
32x2x1.5	32P1.5-Y	0.7	39.0	2.6	45.5	3415	320	14.1
1x3x1.5	01T1.5-Y	0.7	10.2	1.3	14	285	85	14.1
2x3x1.5	02T1.5-Y	0.7	15.5	1.5	20	515	130	14.1
4x3x1.5	04T1.5-Y	0.7	18.5	1.6	22.5	765	150	14.1
7x3x1.5	07T1.5-Y	0.7	23.5	1.8	27	1130	185	14.1
8x3x1.5	08T1.5-Y	0.7	25.5	1.9	30	1300	195	14.1
12x3x1.5	12T1.5-Y	0.7	30.6	2.2	35.5	2000	235	14.1
16x3x1.5	16T1.5-Y	0.7	34.0	2.3	39.5	2380	265	14.1
19x3x1.5	19T1.5-Y	0.7	35.5	2.4	41.5	2715	286	14.1
24x3x1.5	24T1.5-Y	0.7	40.8	2.7	47	3370	320	14.1
32x3x1.5	32T1.5-Y	0.7	46.0	2.8	52.5	4200	360	14.1

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