



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 compacted copper IEC 60228 class 2
- 2** INSULATION..... Mica tape + Halogen free EPR compound
- 3** INDIVIDUAL SCREEN Copper/polyester tape Tinned copper drain wire
- 4** BEDDING Halogen free compound
- 5** ARMOUR..... Tinned copper wire braid according to IEC 60092-376:2004
- 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(i) S3/S7 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-01D-	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	13.1	1.4	17	360	100	27.6
4x2x0.75	04P.75-Y	0.6	15.4	1.5	20	530	120	27.6
7x2x0.75	07P.75-Y	0.6	18.6	1.6	23	760	140	27.6
8x2x0.75	08P.75-Y	0.6	20.7	1.7	26	855	150	27.6
12x2x0.75	12P.75-Y	0.6	23.9	1.9	30	1165	175	27.6
16x2x0.75	16P.75-Y	0.6	27.2	2.0	33.5	1535	200	27.6
19x2x0.75	19P.75-Y	0.6	28.5	2.1	36.5	1925	225	27.6
24x2x0.75	24P.75-Y	0.6	33.0	2.2	40	2300	250	27.6
32x2x0.75	32P.75-Y	0.6	36.0	2.4	45	2800	270	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	14.4	1.5	19.5	430	110	27.6
4x3x0.75	04T.75-Y	0.6	17.5	1.6	22	645	130	27.6
7x3x0.75	07T.75-Y	0.6	21.4	1.7	26.5	960	155	27.6
8x3x0.75	08T.75-Y	0.6	23.5	1.8	28.5	1075	170	27.6
12x3x0.75	12T.75-Y	0.6	27.5	2.0	33	1465	195	27.6
16x3x0.75	16T.75-Y	0.6	30.7	2.1	36.5	2000	235	27.6
19x3x0.75	19T.75-Y	0.6	32.5	2.2	39.5	2335	240	27.6
24x3x0.75	24T.75-Y	0.6	37.3	2.4	46	2820	270	27.6
32x3x0.75	32T.75-Y	0.6	41.5	2.6	51.5	3640	310	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	19	405	110	20.7
4x2x1	04P001-Y	0.6	16.3	1.5	21.5	590	125	20.7
7x2x1	07P001-Y	0.6	19.2	1.7	25	865	150	20.7
8x2x1	08P001-Y	0.6	21.5	1.8	27.5	965	160	20.7
12x2x1	12P001-Y	0.6	26.0	1.9	32	1410	185	20.7
16x2x1	16P001-Y	0.6	27.8	2.0	34.5	1890	225	20.7
19x2x1	19P001-Y	0.6	30.0	2.1	37.5	2155	240	20.7
24x2x1	24P001-Y	0.6	34.5	2.5	41.5	2680	260	20.7
32x2x1	32P001-Y	0.6	38.0	2.5	46	3245	295	20.7
1x3x1	01T001-Y	0.6	9.6	1.3	13.5	260	80	20.7
2x3x1	02T001-Y	0.6	15.5	1.5	19.5	475	120	20.7
4x3x1	04T001-Y	0.6	18.3	1.6	24	720	135	20.7
7x3x1	07T001-Y	0.6	23.5	1.8	28	1095	170	20.7
8x3x1	08T001-Y	0.6	25.0	1.9	31	1230	180	20.7
12x3x1	12T001-Y	0.6	29.5	2.0	36	1875	220	20.7
16x3x1	16T001-Y	0.6	32.5	2.2	40	2230	240	20.7
19x3x1	19T001-Y	0.6	33.8	2.4	43.5	2735	260	20.7
24x3x1	24T001-Y	0.6	39.9	2.5	48	3300	290	20.7
32x3x1	32T001-Y	0.6	44.0	2.7	53	4180	330	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	14.6	1.5	19	450	115	14.1
4x2x1.5	04P1.5-Y	0.7	18.0	1.6	23	675	135	14.1
7x2x1.5	07P1.5-Y	0.7	21.5	1.7	27	985	160	14.1
8x2x1.5	08P1.5-Y	0.7	24.0	1.9	30.5	1120	170	14.1
12x2x1.5	12P1.5-Y	0.7	27.9	2.0	34	1605	205	14.1
16x2x1.5	16P1.5-Y	0.7	31.0	2.2	37	2055	240	14.1
19x2x1.5	19P1.5-Y	0.7	34.0	2.2	41	2420	250	14.1
24x2x1.5	24P1.5-Y	0.7	37.8	2.5	46	3020	280	14.1
32x2x1.5	32P1.5-Y	0.7	44.0	2.6	52	3960	315	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	16.5	1.5	21	535	125	14.1
4x3x1.5	04T1.5-Y	0.7	20.0	1.6	24.5	830	145	14.1
7x3x1.5	07T1.5-Y	0.7	24.5	1.8	29	1270	180	14.1
8x3x1.5	08T1.5-Y	0.7	27.0	1.9	32	1425	190	14.1
12x3x1.5	12T1.5-Y	0.7	31.5	2.2	38	2255	230	14.1
16x3x1.5	16T1.5-Y	0.7	36.5	2.3	43	2730	260	14.1
19x3x1.5	19T1.5-Y	0.7	37.5	2.4	46	3140	280	14.1
24x3x1.5	24T1.5-Y	0.7	42.5	2.7	51	3915	315	14.1
32x3x1.5	32T1.5-Y	0.7	47.0	2.8	56	4945	355	14.1

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