

Ex Industries

Braided Instrumentation Cables to NEK 606

RFOU (i) 250V

EPR/EPR/TCWB/EVA

Halogen-free, NEK 606 Type: S1
Mud resistant, NEK 606 S5

APPLICATION

Fixed installations for instrumentation, communication, control and alarm systems in both EX and safe areas. Mud resistant in accordance with NEK 606

Specifications

- In accordance with NEK 606.
- **Conductor:** Tinned stranded copper
- **Insulation:** EP-rubber
- **Core Identification:** Black-Light Blue, Black-Light Blue-Brown
- **Screening:** Copper (or aluminum) backed polyester tape with tinned copper drain wire. Each pair/triple is wrapped with polyester tape to prevent electrical contact with adjacent pairs/triples. Pairs/triples are identified by printed numbers
- **Bedding:** Flame retardant halogen-free thermoset compound
- **Aarmor:** Tinned copper wire braid
- **Outer Sheath:** Flame retardant halogen-free and mud resistant thermoset compound, SHF2
- Flame retardant to IEC60332-3-22
- **Temp. Rating:** 85 degrees C max conductor operation temperature.
- **Voltage Rating:** 150/250V.

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Nom Cond. Area mmsq	No. of Pairs / Triples	Dia. Over Inner Sheath		Min OD mm	Max OD mm	Approx Weight Kg/km
		Min	Max			
1.5	1P	7	8	10.2	11.8	240
1.5	2P	10.2	11.8	14.7	16.3	440
1.5	3P	11.2	12.8	16.2	17.8	510
1.5	7P	15.2	16.8	20	22	875
1.5	8P	17.2	18.8	22.5	24.5	1025
1.5	12P	21	23	27	29	1365
1.5	19P	25	27	29.5	33.5	1950
1.5	1TR	7.5	8.5	11.2	12.8	275
1.5	2TR	11.7	13.3			
1.5	3TR	12.7	14.3	17.7	19.3	620
1.5	7TR	17.2	18.8	24.5	26.5	1100
1.5	12TR	24	26	29.5	32.5	1740

Other sizes available on request.

Core identification:

Pair – Black – Light Blue

Triple – Black – Light Blue - Brown

Notes:

All dimensions must be verified at time of ordering.

Other sizes available upon request.

Minimum quantities may be required.