

BO-POWER RFOU TYPE P101 0,6/1KV

T-Cu/MICA+EPR/FR-LSZH/TCWB/LSZH-SHF2

Halogen Free, Flame Retardant, Low Smoke, Mud Resistant



Image for illustration only

Conductor:	Tinned annealed stranded circular copper, ICE 60228 class 2 or class 5
Insulation:	Ethylene Propylene Rubber (EPR)
Colour Code:	Black (standard) and customer requirement
Inner covering:	Flame retardant and halogen-free compound
Collective Screen:	0,026 mm Aluminium / PETP tape over tinned copper drain wire
Armour:	Tinned annealed copper wire braid
Outer Sheath:	Flame retardant, halogen-free and mud resistant thermoset compound, SHF2 (optional SHF MUD)
Technical Data & Standard References	NEK TS 606: 2009 IEC 60092-353 : Design IEC 60332-3-22 Cat A : Flame Propagation IEC 60754-1&2 : Halogen Free Properties IEC 61034-1&2 : Low Smoke Properties Flame Retardancy : IEC 60332-1-2 UV Resistance : Up to 0,308 GW.s/m2 accordance with UL 2556 Color Fastness : BLUE WOOL SCALE 8
	Limiting Oxygen Index (LOI): (min 37%) Smoke Density: IEC 61034 Amount of halogen acid gas: IEC 60754-1 (max 0,5%) Acidity (ph value) and conductivity: IEC 60754-2
Electrical & Mechanical Data	Ambient Temperature Range :-15 C to +90 C (Standard) Cold endurance test :-40 C (Abnormal Low temperature cables only)

Application: Fixed installation for power, control and lighting in both explosion and safe areas, emergency and critical systems. For installations in areas exposed to mud and drilling or cleaning fluids.