

Flexible medium voltage cable

URSUS[®] MT TUNNEL V ATOX PLUS

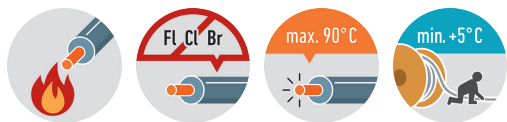
(N)3GHSSHCH



Application: As power supply cable for shiftable MV equipment in mining and tunnel applications.

Construction and technical data:

Standard:	VDE 0250-605 (with ref. to)
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	rubber 3GI3
Electrical field control:	inner and outer semiconducting rubber layer
Arrangement of protective conductors:	copper wire braid over each phase
Material inner sheath:	halogen-free
Monitoring core:	copper wire spinning on first inner sheath
2nd inner sheath:	halogen-free
Armour:	steel wire braid, galvanized
Sheathing material:	FRNC-compound
Colour of outer sheath:	red
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Permitted outer cable temperature, fixed, °C:	-40 - +90 °C
Permitted outer cable temperature, moved, °C:	5 - 90 °C
Bending radius, moving application:	10 x Ø
Maximum tensile strength at the conductor:	15 N/mm ²



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

URSUS[®] MT TUNNEL V ATOX PLUS (N)3GHSSHCH 12/20 kV**Nominal voltage U_o:** 12 kV**Nominal voltage U:** 20 kV**Maximum permitted operating voltage in** 24 kV**three-phase systems:****Test voltage:** 29 kV

part no.	part name	RI [Ohm/km]	Rbb [mm]	Ø [mm]	Fzv [N]	Cu	G [kg]
052295	3X95 + 3X50/3E + 3X2.5 + UEL KON	0.206	715	71.5	4275	3442	7900

RI	Conductor resistance
Rbb	Bending radius, moving application
Ø	outer diameter approx.
Fzv	Tensile strength (during installation)
Cu	Copper weight (GER)
G	net weight per 1000