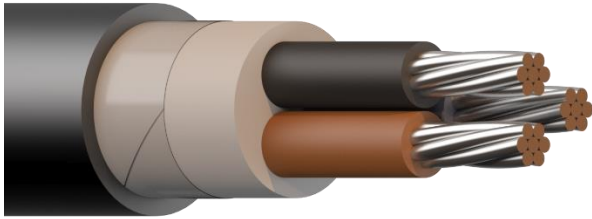


TN 1kV - Double insulated Tunnel Cable – Emergency cables for pipes/tubes



This drawing is for indication only and may not necessarily be 100% correct according to design, number of cores and colour..

Application

For installation in tunnels with voltages up to 1kV. **Especially designed for emergency cables for installation in pipes/tubes.** The cable is UV /sunlight resistant and has an extra protection against oil and diesel. Halogen free cables are recommended to avoid dense smoke and corrosive gasses in case of overheating or a fire.

Expected lifetime atleast 50 years

Unarmoured, Halogen free, Low Smoke, Oil-resistant and Flame retardant

Max conductor temperature: 90°C
 Voltage rating U₀/U: 0,6/1kV
 CENELEC designation:

Standards

Construction: IEC 60502-1
 Conductor: IEC 60228 class 2
 Insulation: IEC 60502-1
 Sheath: IEC 60092-360
 Flame retardant: IEC 60332-3-22 (Cat A) and IEC 60332-1-2
 Halogen free: IEC 60754-1 / - 2 IEC 60684-2
 Low smoke: IEC 61034 -1 / -2
 Cold resistance HD 604-5D (-25°C)
 Oil resistance IEC 60502-1 (IRM 902 & IRM 903, 30%)
 UV resistance ISO 4892 part 3

Oppbygging	
Conductor	Stranded tinned copper, Class 2 circular, IEC 60228
Insulation	EPR
Insulation colours	3G = Yellow/Green – Blue – Brown 5G = Yellow/Green – Blue – Brown – Black - Grey
Inner covering	Halogen free extruded compound
Tape	Halogen free tape
Outer sheath	Halogen free Compound
Colour	Black
Sheath Marking	Printed with cable type and dimensions. Meter marking and year of production. Cable type is marked as TN
Delivery	Wooden drums



Subject to change without prior notice

Prysmian Group Norge AS
www.draka.no / www.prysmiangroup.no

TN 1kV - Double insulated Tunnel Cable – Emergency cables for pipes/tubes

No. of cores and cross-section mm ²	Conductor type *)	Overall diameter mm	Weight pr 1000 m ca. kg	Part. no.	EI number (Norway only)
3G 2,5	FR	15 ± 0,8	335	20197673	1095297
3G 4	FR	16 ± 0,8	415	20197674	1095298
3G 6	FR	17 ± 0,8	515	20197675	1095299
3G 10	FR	19 ± 0,8	690	20197676	1095303
3G 16	FR	21,5 ± 1	930	20197685	1095304
3G 25	FR	25,5 ± 1	1340	20197686	1095305
5G 2,5	FR	17 ± 0,8	455	20197677	1095306
5G 4	FR	18,5 ± 0,8	575	20197678	1095307
5G 6	FR	20 ± 1	720	20197679	1095308
5G 10	FR	22,5 ± 1	1000	20197680	1095309
5G 16	FR	25,5 ± 1	1380	20197681	1095310
5G 25	FR	30 ± 1,5	1990	20197682	1095311
5G 35	FR	33,5 ± 1,5	2550	20197683	1095312
5G 50	FR	39 ± 1,5	3510	20197684	1095313

FR = stranded circular

Deliver form and delivery length may be changed.
 Not all sizes are stocked items.

Subject to change without prior notice

Prysmian Group Norge AS
www.draka.no / www.prysmiangroup.no