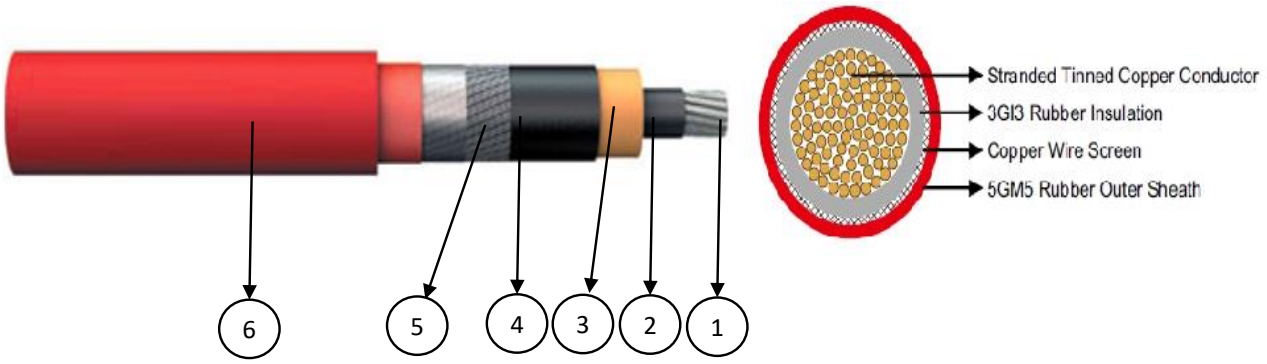
ÜNTEL KABLO	*Supremine (N)TMCGCWÖU*	**Date** : 25.11.2024 **TP No** : DT-F-004 **Rev. No / Date** : 0/0 **Page** : 1/2

APPLICATION:

Power supply cable is usable for short connections of mobile transformer substations to overhead lines, also for use in railway vehicles, switching stations and control panels.



CABLE STRUCTURE

1. Conductor : Electrolytic annealed, Class 5 flexible tinned copper wires (IEC 60288)
2. Conductor Screen : Inner Semi-Conductive Rubber compound
3.Insulation: EPR (Ethylene Propylene Rubber)
4. Insulation Screen: Outer Semi-Conductive Rubber compound
5.Screen : Spiral tinned copper wires
6.Outer Sheath : Special rubber compound 5GM5

STANDARDS & MAIN CHARACTERISTICS

Construction : Based on VDE 250 Part 813, VDE 0473 Part 811-2-1
Flame Retardant : DIN EN 60332-1-2, IEC 60332-1-2
Oil Resistant

OPERATING CHARACTERISTICS

Rated Voltage	: 12/20kV
AC Test Voltage	: 29kV
Working Temperature	:
In Flexing Use	: -25°C to +60°C
In Fixed Use	: -40°C to +80°C
Conductor Short-Circuit	: 250°C

Conductor Operating Temperature : Max. 90°C
Current Carrying Capacitiy : IEC 60364-5-52 Tab B52.1

VISUAL AND MARKING

Color : Red

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CAN*	Cross-section (mm2)	Outer Sheath Diameter Min. (mm)	Nom. (mm)	Max. (mm)	Approx. Cable Weight (kg/km)	Min. Bending Radius Free movement (mm)	Current Carrying Capacity (*) (A)	Max. Electrical Resistance at 20 °C (ohm/km)
O-10854-1	1 x 35/16	23,8	25,1	26,4	1.001	251	172	0,565
O-10854-2	1 x 95/16	29,5	31,1	32,7	1.729	311	319	0,21
10748								

* *Conductor temperature at 90 °C, Ambient air temperature at 30 °C in Air*
* CAN : Cable Article Number

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