

# DRUMFLEX KSM –S

## Neoprene (Rubber) Drum reeling cable



**Application**  
 Drumflex KSM –S Drum reeling cable is specially designed for use on both spring operated and motorised cable reeling drums, it is also particularly suitable for applications where both tension and torsional stresses are present simultaneously, and where forced cable guidance is required. It is suitable for dry, humid and wet rooms and for outdoor applications on construction sites.

### Construction

Conductor :	Fine stranded plain copper according to VDE 0295 Class 5
Insulation:	Rubber compound
Core colour :	Up to 5 cores coloured according to VDE 0293 -7 cores and above black with white numbers with green/yellow earth
Core Arrangement :	Cores stranded in layers
Inner Sheath :	Polychloroprene (Neoprene)
Support braid :	Textile weave vulcanised between inner and outer sheaths
Outer sheath :	Polychloroprene (Neoprene)
Sheath colour :	Black
Imprint :	KSM –S 600/1000V

### Working Environment

Maximum operating temperature in fixed application :	-40 deg C - + 80 deg C
Maximum operating temperature in mobile application :	-40 deg C - + 80 deg C
Maximum temperature at conductor :	+90 deg C
Environment :	suitable for use in dry, humid & wet areas

### Electrical properties

Nominal voltage :	600/1000 V
Test Voltage :	2500 V
Conductor resistance :	In accordance with IEC 228 class 5
Insulation resistance :	> 20 MOhms x km

### Additional information

Minimum bending radius :	In accordance with VDE 0298 part 3
Tensile strength :	Max. 20 N/mm <sup>2</sup>
Operating Speed :	120 m/min (please enquire for higher operating speeds)
Oil resistance :	According to VDE 0472 part 803 test type B
Flame resistance :	According to EN 50265 2 1

### Applied Standards

	According to DIN VDE 0250

