



Power Cable

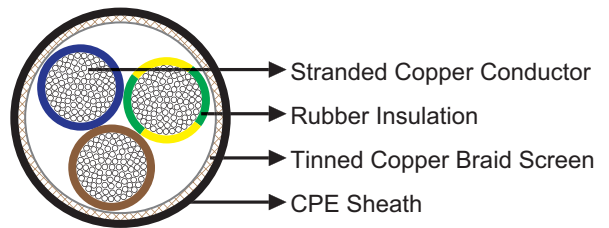
S-3GSHCOEU 0.6/1 kV & UL 1000V 90°C

» Application

These cables are designed for use at medium mechanical stresses in wind turbines.

» Standards

UL 758
DIN VDE 0250



» Construction

Conductor: Stranded bare copper, class 5 according to IEC 60228/DIN EN 60228.

Insulation: Rubber compound.

Screen: Tinned copper wires. Mixed braid of tinned copper wires and polyester yarn can be offered upon request.

Sheath: CPE.

» Technical Data

Rated Voltage U ₀ /U (U _m)	600/1000V (DIN VDE 0250)/ 1000V (AWM 758)
Operating Temperatures	-40°C~+90°C
Maximum Permissible Tensile Load	15 N/mm ²
Minimum Bending Radius	flexing: 10×OD; fixed: 6×OD
Short-circuit Temperature	250°C
Flame Retardant	IEC 60332-1
Oil Resistant	Yes
Ozone Resistant	Yes
UV Resistant	Yes

» Dimensions and Weight

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
1×95	23.0	1120
1×120	26.0	1607
1×185	30.5	2341
1×240	34.0	2953