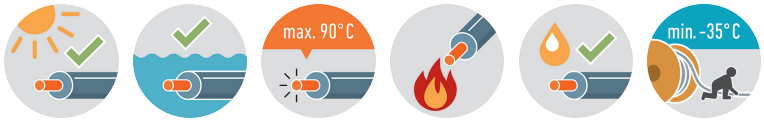
Flexible medium voltage cable
Faber® Dredging cable + FO

DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: Flexible medium voltage cable with integrated fibre optic wires. For permanent use in water, for example connecting dredgers, floating docks, pumps and open-cast mines.

Construction and technical data:

Standard:	DIN VDE 0250-813 (with ref. to)
Conductor material:	tinned copper
Conductor construction:	Class 5 = fine stranded - DIN EN IEC 60228 (VDE 0295)
Insulation:	rubber (EPR) 3GI3
Electrical field control:	inner and outer semiconducting rubber layer
Arrangement of protective conductors:	split in the outer interstices
Material inner sheath:	rubber GM1b
Sheathing material:	rubber (CR) 5GM5
Colour of outer sheath:	red
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	DIN EN 60811-404 / VDE 0473-811-404 / IEC 60811-404
Ozone-resistant:	yes
Max. temperature at conductor, °C:	90 °C
Max. short circuit temperature at conductor, °C:	250 °C
Permitted outer cable temperature, fixed, °C:	-40 - +85 °C
Permitted outer cable temperature, moved, °C:	-35 - +85 °C
Min. bending radius, fixed installation:	6 x Ø
Bending radius, moving application:	15 x Ø
Maximum tensile strength at the conductor:	15 N/mm²



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.

Faber® Dredging cable + FO 6/10 kV

Nominal voltage Uo: 6 kV

Nominal voltage U: 10 kV

Maximum permitted operating voltage in three-phase systems: 12 kV

Test voltage: 17 kV

part no.	part name	Rl [Ohm/km]	Ø [mm]	Cu	G [kg]
052712	03X25 + 2X25/2+12E9 RT	0.795	44.6	960	2660

Rl	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000