

RG 11 MUD NAVY

75Ω
SHF2
DNV-GL

Application

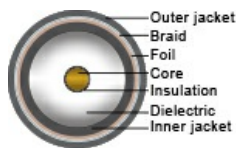
Coaxial cable for CATV, data- and video transmission. Designed for installation on board of ship and other harsh environments, onshore and offshore.



Construction

Conductor	Plain Cu Ø=1.65 mm + carbon black PE
Dielectricum	Foamed PE + carbon black 7.20 [mm]
Sheath	Al-polyester + Al tape
Screen	Tinned Cu-braid 91 [% coverage]
Jacket	Black SHF2
O.D.	10.8 [mm]
Weight	130 [kg/km]

Jacket marking
NEK Kabel - RG11 MUD NAVY SHF2 – DNV – TK - (Month/Year) - (Metric Marking)



Specifications

Operating temperature	-40 – 70 [°C]
Characteristic impedance	75 ± 3 Ω
Braid Resistance	<5 [Ω/km]
Conductor resistance	<8.2 [Ω/km]
Test voltage	3 [kV]
Capacitance	53 [pF/m]
Velocity factor	0,84

Norms

Halogenfree, max content corrosive and toxic gases	IEC 60754-1, 2 EN 50305 9.2
Material properties, insulation and sheath	IEC 60092-360 (359)
Flame retardant	IEC 60332-1
Weather resistant	IEC 60502 EN ISO 11507
Ozone resistant	1483
Oil and fuel, hydrocarbons resistant	IEC 60811
MUD resistant	NEK TS 606
UV-resistant	ASTM G 154 ASTM D 4587 ASTM D 2565 92A

Part No.

1091051



Connectors and Tools:

- 6502411: compression F-plug
- 6502417: Compression Tong
- 6502418: Assembly tool for F-plug
- 570-05120: Unjacketing tool for RG 11

Attenuation

Frequency (MHz)	Attenuation Max. (dB/100m)
5	1.2
10	1.7
50	4.2
100	6.2
200	9.3
500	15.5
800	20.5
1000	23.4
	32.5
2150	42.5
2500	45.8
2750	50.1
3000	50.1

Structural return loss dB

MHz	dB
30 - 470	> 31
470 - 860	> 28
860 - 2400	> 24