



**PRODUCT DESCRIPTION**

Brand-Rex MarineSafe Cat6<sub>A</sub> U/FTP CCC is a 100 Ohm 4 x 2 x AWG 26/1 premium grade Class E<sub>A</sub> Compact Communication Cable. It exceeds the Category 6<sub>A</sub> performance standards and is rated to 500MHz. It is suitable for use in all structured wiring cabling systems up to and including Class E<sub>A</sub> and is able to support 10 gigabit Ethernet protocol for installation in horizontal and backbone areas in lengths up to 67m. The cable is suitable for Marine use and is acceptable for installation on a vessel classed with Lloyd's Register.

**PRODUCT PERFORMANCE**

**CONSTRUCTION**

- Solid Cu Cores
- Foamed PE Insulation
- Pairs In Metal Foil
- Enhanced LSHF sheath

**INSTALLATION**

- Min bend radius during install 8x OD
- Min bend radius post install: 4x OD
- Max tensile load per cable 10kg
- Min installation temperature 0°C
- Max installation temperature 50°C
- Max operational temp rating: 75 °C

**Network Applications**

Supports Class D, E, and E<sub>A</sub> applications as defined in ISO11801:2002

**Electrical Specification and Performance**

The cable is designed and manufactured to conform to the requirements of the structured wiring cabling standards IEC 61156-6, EN 50288-10-2 and TIA 568C.

**Fire performance**

- Flammability IEC 60332-1-2
- Smoke Emission IEC 61034
- Gas Emissions IEC 60754-2

**Certification**

Lloyd's certification GLS 1400749-3

Part Number	Colour	Cable Diameter (mm)	Weight (kg/km)	Length (m)	Reel size Flange x width	Weight (kg/box or reel)	Boxes/Reels per pallet (Euro)
MarineSafe Cat6 <sub>A</sub> U/FTP CCC	Violet	5.6	32.9	305	400 x 260 box	11.0	18 and 27
				500	400 x 300 reel	18.5	18
				1000	465 x 375 reel	35.9	6