



Becatech

Interconnective Power



**Installation cable for tougher environments
(Toughcat 5e)**

Cable Structure :

Conductor: stranded copper wire.

Insulation: PE.

Pair screen: al-laminated plastic foil around each pair.

Overall screen: tinned copper braid.

Outer sheath: oil resistant, fire retardant and halogen free LSHF-FR (SHF1).

Technical Specification :

Rated conductor temperature: 85°C.

Rated bending radius during installation: 8 x ϕ .

Rated bending radius fixed: 4 x ϕ .

Fire behaviour:

- Transmission characteristics according to IEC 61156-5.
- Information technology according to IEC 11801.
- Flame retardant according to IEC 60332-3-24.
- Halogen free according to IEC 60754-2.
- Low smoke according to IEC 61034.
- Chemical resistance according to IEC 60881-2-1.

Application :

Generic data transmission.

This cable is meant for use as installation (horizontal) cable in tougher electrical and mechanical environment, including ships and offshore units.

Core x Pair x mm ²	Insulation Thickness mm	Overall Screen mm	Overall Diameter mm	Cable Weight (kg/km)
4x2x0.22	1.4	6.2	7.6	65.0

Becatech B.V.
Middenweg 18
3930 Hamont-Achel

info@becatech.be
www.becatech.be
+32 (0)11 19 29 45

IBAN BE89363217265185
VAT BE0777.903.079
CoC 0777.903.079