



## Technical Information

www.caledonian-cables.co.uk

### Cable Code Designation

A cable code of 2 letters (1. and 4.) or 4 letters is used to describe the construction. For example:

#### 1st Letter:

##### Insulation:

- B: Fire resistant tape + insulation (Halogen-free)
- R: Ethylene propylene rubber - EPR
- T: Cross-linked polyethylene XLPE
- I: Thermoplastic compound (Halogen-free)
- U: Halogen-free thermosetting compound EMA or EVA
- A: Fibre, tight buffered
- Q: Fibre in loose tube

#### 2nd letter:

##### Inner Sheath:

- F: Bedding/Inner covering or taping (Halogen-free)
- Y: Screen (poss. with PE or PP)
- I: Thermoplastic compound (Halogen-free) SHF1

#### 3rd letter:

##### Armour/Screen:

- L: Aluminium (laminated to outer sheath)
- X: No armour
- O: Copper wire braid (Tinned or bare)
- A: Strength member of yarn
- C: Galvanized steel wire braid

#### 4th letter:

##### Outer Sheath:

- I: Thermoplastic compound (Halogen-free), SHF1
- U: Halogen-free thermosetting compound, SHF2
- U: Halogen-free mud resistant thermosetting compound, SHF Mud
- B\*: Halogen-free mud resistant thermoplastic compound
- \*QFCB cables only

#### Additional Abbreviation for Instrumentation Cables:

- (c): Collective screen
- (i): Individual pair or triple screen

