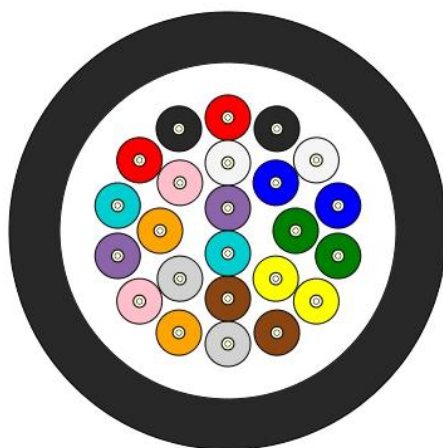




### DESCRIPTION

Premises Distribution Cable (PDC) family offers up to 24 tight buffered fibres in a compact cable construction. The product range is designed using non wicking yarns and UV stable Halogen Free Flame Retardant Low Smoke Halogen Free (HFFR-LS) sheathing material as standard.

PDCs are suitable for use in structured cabling installations: data centres, LANs, SANs and longer length backbones.

### FEATURES AND BENEFITS

- 2-24 Halogen Free Flame Retardant Low Smoke HFFR-LS sheathed Tight Buffered Fibres - colour coded according to TIA-598-C
- Customisable Fibre Selection - Single-Mode, Multi-Mode and hybrid versions to suit a variety of applications
- Flexible Strength Members - in the form of high tensile yarns for improved installation preparation time
- UV stable HFFR-LS sheathing meets the requirements of the Construction Products Regulation (CPR) Euroclass Eca
- Exceeds the Mechanical and Environmental Performance defined by IEC 60794-2-20

### APPLICABLE CABLE

**Standards :** IEC 60794-2-20

**Test Standards :** IEC 60794-1-21 and IEC 60794-1-22

### FIBRE IDENTIFICATION

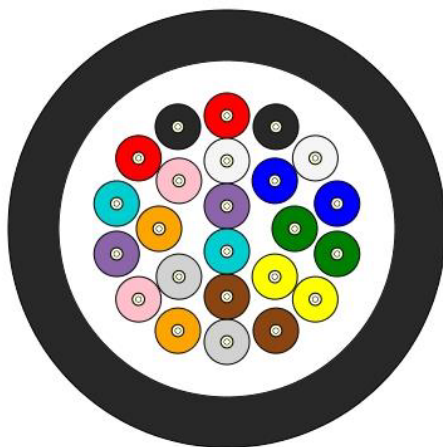
| Fibre Identifier*      | 008       | 108       | 208       | 062      | 050        | OM3        | OM4        |
|------------------------|-----------|-----------|-----------|----------|------------|------------|------------|
| IEC 60793 Reference    | 2-50-B1.3 | 2-50-B6_a | 2-50-B6_a | 2-10-A1b | 2-10-A1a.1 | 2-10-A1a.2 | 2-10-A1a.3 |
| ITU-T Recommendation   | G.652.D   | G.657.A1  | G.657.A2  | n/a      | G.651.1    | G.651.1    | G.651.1    |
| ISO/IEC 11801 Category | OS1/OS2   | OS1/OS2   | OS1/OS2   | OM1      | OM2        | OM3        | OM4        |

### MATERIAL IDENTIFICATION

| Material Identifier**    | LU               | LUHF3            |
|--------------------------|------------------|------------------|
| Material Description     | Standard HFFR-LS | Enhanced HFFR-LS |
| Flammability Rating      | IEC 60332-1-2    | IEC 60332-3-24   |
| Fire Euroclass EN13501-6 | Eca              | Eca              |
| Smoke Emission           | IEC 61034-1 & 2  | IEC 61034-1 & 2  |
| Acid Gas Emission        | IEC 60754-2      | IEC 60754-2      |
| Colour                   | Black            | Black            |

#### Données Logistiques

|                |                        |                 |                   |                     |
|----------------|------------------------|-----------------|-------------------|---------------------|
| Référence : nc | Code Douane : nc       | Poids Brut : nc | Dim produit : nc  | Dim emballage : nc  |
| Code EAN : nc  | Pays d'origine : Chine | Poids Net : nc  | Cond produit : nc | Cond emballage : nc |



### PHYSICAL CHARACTERISTICS

| Fibre Count | Nom. Buffer Diameter<br>(mm) | Nom. Cable Diameter<br>(mm) |       | Nominal Cable Weight<br>(kg/km) |       |
|-------------|------------------------------|-----------------------------|-------|---------------------------------|-------|
|             |                              | LU                          | LUHF3 | LU                              | LUHF3 |
| 2           | 0.9                          | 5.3                         | 5.7   | 30                              | 36    |
| 4           |                              | 5.5                         | 5.9   | 33                              | 40    |
| 6           |                              | 5.9                         | 6.3   | 38                              | 45    |
| 8           |                              | 6.5                         | 6.9   | 45                              | 53    |
| 12          |                              | 7.1                         | 7.5   | 53                              | 62    |
| 16          |                              | 7.7                         | 8.1   | 62                              | 72    |
| 24          |                              | 8.9                         | 9.3   | 78                              | 89    |

### MECHANICAL PERFORMANCE

| Fibre Count | Max.<br>Long Term<br>Load (N) | Max.<br>Short Term<br>Load (N) | Min.<br>Static Bend    | Min.<br>Dynamic Bend   | Max. Crush<br>(N) | Max. Impact<br>(Nm) | Max. Torsion<br>(Turns $\pm 180^\circ$ ) |
|-------------|-------------------------------|--------------------------------|------------------------|------------------------|-------------------|---------------------|------------------------------------------|
| 2-6         | 400                           | 1000                           | 10 x Cable<br>Diameter | 15 x Cable<br>Diameter | 1000              | 5                   | 5                                        |
| 8           | 441                           | 1500                           |                        |                        |                   |                     |                                          |
| 12          | 519                           | 1600                           |                        |                        |                   |                     |                                          |
| 16          | 608                           | 2000                           |                        |                        |                   |                     |                                          |
| 24          | 765                           | 2300                           |                        |                        |                   |                     |                                          |

### TEMPERATURE PERFORMANCE

| Fibre Count | Operational Temperature Range | Storage Temperature Range | Installation Temperature Range |
|-------------|-------------------------------|---------------------------|--------------------------------|
| 2-24        | -20°C to + 60°C               | -20°C to + 60°C           | -10°C to + 60°C                |

#### Données Logistiques

|                |                        |                 |                   |                     |
|----------------|------------------------|-----------------|-------------------|---------------------|
| Référence : nc | Code Douane : nc       | Poids Brut : nc | Dim produit : nc  | Dim emballage : nc  |
| Code EAN : nc  | Pays d'origine : Chine | Poids Net : nc  | Cond produit : nc | Cond emballage : nc |