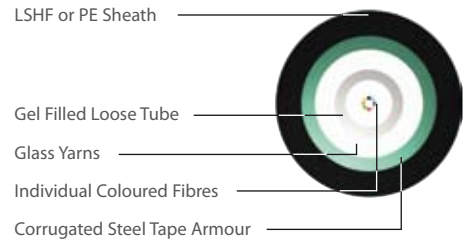




**Brand-Rex Optical Cables - USU and USE**  
Steel Tape Armoured Unitube Cables

**Product Data**

|                                | Diameter<br>mm | Weight<br>(U)/(E)<br>kg / km | Max Tensile<br>Load<br>N | Min Static<br>Bend<br>mm | Min Dynamic<br>Bend<br>mm |
|--------------------------------|----------------|------------------------------|--------------------------|--------------------------|---------------------------|
| 4 - 12 Fibre                   | 10.00          | 125/100                      | 1000                     | 100                      | 150                       |
| 16 - 24 Fibre<br>(2 x Bundles) | 10.00          | 125/100                      | 1000                     | 100                      | 150                       |



**Steel Tape Armouring**  
**Maximum Protection from Rodents**  
**Choice of Universal or External Sheath**

**Product Part Numbering - USU - Universal**

|          | 62.5/125            | 50/125              | OM3                 | 8/125               |
|----------|---------------------|---------------------|---------------------|---------------------|
| 4 Fibre  | GF 062 UNI04 STA LU | GF 050 UNI04 STA LU | GF OM3 UNI04 STA LU | GF 008 UNI04 STA LU |
| 6 Fibre  | GF 062 UNI06 STA LU | GF 050 UNI06 STA LU | GF OM3 UNI06 STA LU | GF 008 UNI06 STA LU |
| 8 Fibre  | GF 062 UNI08 STA LU | GF 050 UNI08 STA LU | GF OM3 UNI08 STA LU | GF 008 UNI08 STA LU |
| 12 Fibre | GF 062 UNI12 STA LU | GF 050 UNI12 STA LU | GF OM3 UNI12 STA LU | GF 008 UNI12 STA LU |
| 16 Fibre | GF 062 UNI16 STA LU | GF 050 UNI16 STA LU | GF OM3 UNI16 STA LU | GF 008 UNI16 STA LU |
| 24 Fibre | GF 062 UNI24 STA LU | GF 050 UNI24 STA LU | GF OM3 UNI24 STA LU | GF 008 UNI24 STA LU |

**Product Part Numbering - USE - External**

|          | 62.5/125            | 50/125              | OM3                 | 8/125               |
|----------|---------------------|---------------------|---------------------|---------------------|
| 4 Fibre  | GF 062 UNI04 STA NM | GF 050 UNI04 STA NM | GF OM3 UNI04 STA NM | GF 008 UNI04 STA NM |
| 6 Fibre  | GF 062 UNI06 STA NM | GF 050 UNI06 STA NM | GF OM3 UNI06 STA NM | GF 008 UNI06 STA NM |
| 8 Fibre  | GF 062 UNI08 STA NM | GF 050 UNI08 STA NM | GF OM3 UNI08 STA NM | GF 008 UNI08 STA NM |
| 12 Fibre | GF 062 UNI12 STA NM | GF 050 UNI12 STA NM | GF OM3 UNI12 STA NM | GF 008 UNI12 STA NM |
| 16 Fibre | GF 062 UNI16 STA NM | GF 050 UNI16 STA NM | GF OM3 UNI16 STA NM | GF 008 UNI16 STA NM |
| 24 Fibre | GF 062 UNI24 STA NM | GF 050 UNI24 STA NM | GF OM3 UNI24 STA NM | GF 008 UNI24 STA NM |

**PRODUCT DESCRIPTION:**

For direct burial campus backbone applications, the steel tape armoured unitube cable range has been designed to be compact and yet offer excellent tensile and crush performance making it suitable for a wide range of applications.

All USU and USE steel tape armoured unitube cables are constructed around the 4.00mm gel filled PBT loose buffer tube. The 16-24 fibre variants are supplied with 2 bundles within the loose tube.

**PRODUCT PERFORMANCE:**

|                                 |  |
|---------------------------------|--|
| Crush (N):<br>4000              | Temp - Operation:<br>-40°C to +70°C    |
| Impact (Nm):<br>10              | Temp - Storage:<br>-40°C to +70°C      |
| Torsion (Cycles):<br>5          | Temp - Installation:<br>-10°C to +70°C |
| Fire:<br>IEC 60332-1 (USU only) |  |

The mechanical performance of these cables complies with IEC60794-3-11  
Tested in accordance with IEC 60794-1-2 unless stated

**Fibre Selection Codes**

062 050 H50 OM3 OM4 BM3 BM4 008 108 208

Use these part number identifiers to select the fibre type you require by replacing the fibre code in the part number e.g. GFOM3PDC24LU becomes GFBM3PDC24LU.