



**GOF**

**Metallic Armored Multitube**  
CPR Class: B2ca - s1a, d0, a1

**Design**

- **Central Element (GRP)**
- **Fibres Optic**
- **Loose Tube**
- **Streight members**  
Reinforce fiberglass Reinforcements (WB)
- **Ripcord**
- **Inner sheath**  
LSZH (low smoke zero halogen)
- **Metallic Armour**  
Corrugated steel armor
- **Ripcord**
- **Outer sheath**  
LSZH (low smoke zero halogen)
- **Colour**  
Upon request

**Special Features**

- Sunlight resistant
- Watertight
- Moisture protected
- Special colour code upon request (EIA/TIA 598)

**Type of Application**

- High level CPR classification
- Indoor/Outdoor









**Norm references and Approvals**

- **Reference standard**  
Single Mode: ITU-T G.652.D  
Multi-Mode: G651.1
- **Determination of acidity**  
IEC 60754-2
- **Smoke emission**  
IEC 61034-2
- **Fire behavior**  
IEC 60332-1-3  
IEC 60331-25

**DoP Number**

- DOP01256

**Technical data**

-  **Dimensions:**  
Primary coated fiber: 250µm  
Cable: see table
-  **Core identification code:**  
Red - Green - Blue - Yellow - Grey  
Violet - Brown - Orange - White - Pink - Black - Turquoise.
-  **Tube identification code:**  
Red - Green - Natural - ... - Natural.  
Passive tubes black color.
-  **Fibre type:**  
GOF - Glass Fiber
-  **Optical fibre type**  
Core material: glass  
Cladding material: glass
-  **Temperature range:**  
during operation: -30° to +70°C  
during installation: -10° to +50°C
-  **Minimum Bending Radius:**  
Occasional Flex: 15 x Outer Diameter  
Fixed Installation: 20 x Outer Diameter
-  **Permissible tensile force:**  
Max. tensile load during installation (N): 1800  
Max. crush (N/10cm): 3000

Number of fibers	Fibers per tube	Total/Active tubes	Outer diameter (mm)	Weight (kg/km)	Fibres Type
<b>Multimode MM50</b>					
1-12	12	6 / 1	14	218	50/125µm (OM2 / OM3 / OM4 / OM5)
16	8	6 / 2	14	218	50/125µm (OM2 / OM3 / OM4 / OM5)
24	12	6 / 2	14	219	50/125µm (OM2 / OM3 / OM4 / OM5)
32	8	6 / 4	14	219	50/125µm (OM2 / OM3 / OM4 / OM5)
36	12	6 / 3	14	219	50/125µm (OM2 / OM3 / OM4 / OM5)
48	12	6 / 4	14	220	50/125µm (OM2 / OM3 / OM4 / OM5)
72	12	6 / 6	14	222	50/125µm (OM2 / OM3 / OM4 / OM5)
<b>Single mode SM</b>					
1-12	12	6 / 1	14	218	9/125µm (OS1 / OS2)
16	8	6 / 2	14	218	9/125µm (OS1 / OS2)
24	12	6 / 2	14	219	9/125µm (OS1 / OS2)
32	8	6 / 4	14	219	9/125µm (OS1 / OS2)
36	12	6 / 3	14	219	9/125µm (OS1 / OS2)
48	12	6 / 4	14	220	9/125µm (OS1 / OS2)
72	12	6 / 6	14	222	9/125µm (OS1 / OS2)

Unless specified, the shown product values are nominal. Detailed values (e.g. tolerances) are available upon request.

Photographs are not to scale and do not represent detailed images of the respective products, technical sheets including detailed constructions and performances are available upon request