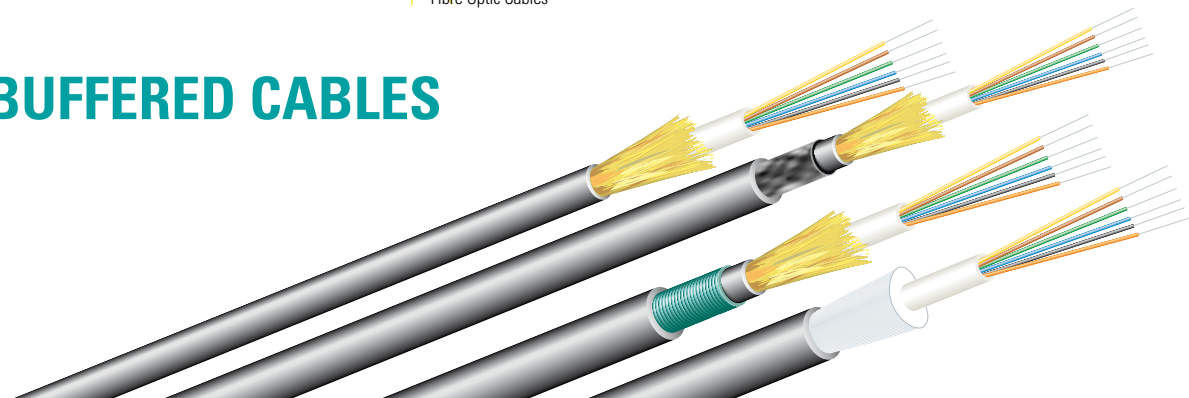


LOOSE BUFFERED CABLES

Single Tube



SLO-000-**-M1
SLO-000-**-M1-A1
SLO-000-**-M1-A3
SLO-000-**-M1-A5

FEATURES & APPLICATIONS

- High flexibility
- Mainly for indoor installation and connections among optical patch panels
- LAN networks
- Tunnels and closed areas in general

TEMPERATURE RANGE

-30/+70°C (operating);
-30/+70°C (storage);
-5/+60°C (installation)

MINIMUM BENDING RADIUS

20 times overall diameter (dynamic)
10 times overall diameter (static)

CABLE CONSTRUCTION

Fibres

Singlemode and multimode fibres, with loose technology coating.

Structure

The jelly filled tube containing the fibres is reinforced with aramidic yarns.

Inner sheath

LSZH (M1) compound (only for A1 and A3 armoured cables)

Armouring

A1 Galvanized steel wire braid

A3 Corrugated steel tape

A5 Anti-rodent glass yarns and traction element, instead of aramidic yarns

Outer sheath

LSZH (M1) compound. Other materials (PVC, polyethylene) can be used for special applications (resistance to water, oil, hydrocarbons, UV rays).

APPLICABLE STANDARDS

Optical fibre characteristics IEC 60793-1

Optical fibre cable characteristics IEC 60794-1

Fire retardant IEC 60332-3 EN 50266

Flame retardant IEC 60332-1 EN 60332-1

Test on gases evolved during combustion IEC 60754 EN 50267-2

Low smoke emission IEC 61034-2 EN 50268-2

Type	Fibre (n°)	Tube Diameter (mm)	Diameter (mm)	Weight (kg/km)	Tension load (N)	Crush (N/100mm)
UNARMoured						
SLO-000-**-M1	02 ÷ 12	2.7	6.0	35	1000	1000
SLO-000-**-M1	16 ÷ 24	3.5	6.7	45	1000	1000
A1 METALLIC ARMoured						
SLO-000-**-M1-A1	02 ÷ 12	2.7	8.1	90	1500	2000
SLO-000-**-M1-A1	16 ÷ 24	3.5	9.0	105	1500	2000
A3 METALLIC ARMoured						
SLO-000-**-M1-A3	02 ÷ 12	2.7	10.0	130	2000	2500
SLO-000-**-M1-A3	16 ÷ 24	3.5	10.5	135	2000	2500
A5 DIELECTRIC ARMoured						
SLO-000-**-M1-A5	02 ÷ 12	2.7	7.5	70	2000	1500
SLO-000-**-M1-A5	16 ÷ 24	3.5	8.0	75	2000	1500
A7 METALLIC ARMoured						
SLO-000-**-M1-A7	02 ÷ 12	2.7	9.5	170	2500	3000
SLO-000-**-M1-A7	16 ÷ 24	3.5	10.5	180	2500	3000

approximate values