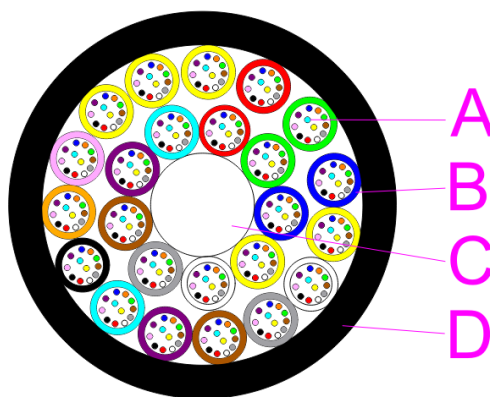


Technical Dept.

TECHNICAL DATA SHEET

Specification n° 2732.FO.800

OPTICAL CABLE
MINI A-DQ(ZN)2Y 24x24 E9/125/200 (G.657.A2)

**CONSTRUCTION:**

- A) Fibre: single mode SM 9/125/200 μ m ITU-T G.657.A2
- B) Tube: double layer composed by polycarbonate + PBT, jelly filled against humidity
- Fibre identification: 1. red, 2. green, 3. blue, 4. yellow, 5. natural, 6. grey, 7. brown, 8. violet, 9. aqua, 10. black, 11. orange, 12. pink
13÷24: same colours as above + black identification ring. In this case, the black fibre, shall be substituted with a white + black ring
- Tube identification: 1. red, 2. green, 3. blue, 4. yellow, 5. natural, 6. grey, 7. brown, 8. violet, 9. aqua, 10. black, 11. orange, 12. pink
for 24 tubes construction 9+15:
first layer: 1. red, 2. green, 3. blue, 4. yellow, 5. natural, 6. grey, 7. brown, 8. violet, 9. aqua
second layer: 1. red, 2. green, 3. blue, 4. yellow, 5. natural, 6. grey, 7. brown, 8. violet, 9. aqua, 10. black, 11. orange, 12. pink, 13. yellow, 14. yellow, 15. yellow
- C) Stranding: tubes shall be stranded together around a dielectric FRP central strength member in 2 layers, 9+15 tubes

						CABLE CODE
						Replace n.
0	EMISSION	07/10/21				Of
Rev.	Description	Date	Drawn up	Controlled	Seen	Sheet 1 of 2



Metallurgica Bresciana s.p.a

Technical Dept.

TECHNICAL DATA SHEET

Specification n° 2732.FO.800

• D) Outer jacket:

high density polyethylene colour black

nominal thickness: 0,50 mm \pm 0,10 mm

external diameter: 10,30 mm \pm 0,30 mm

Marking (Ink-Jet):

"METALLURGICA BRESCIANA year – OPTICAL CABLE – MINI
A-DQ(ZN)2Y 24x24 E9/125/200 (G.657.A2) – customer's name –
coil's identification number" + metric marking
eventual customization available

CHARACTERISTICS:

• Approximate cable weight:

45 Kg/Km

• Maximum pulling tension:

500 N (0,6 % max fibre strain)

• Crush resistance:

500 N/dm

• Minimum bending radius:

20 x Ø

• Operating temperature:

-20°C +70°C

• Installation temperature:

-5°C +60°C

• Transport/Storage temperature:

-40°C +70°C

• Water proof:

positive (IEC 60794-1-F5-B)

						CABLE CODE
						Replace n.
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Rev.	Description	Date	Drawn up	Controlled	Seen	Sheet 2 of 2