

EC100.500 EASYCONNECT Cable Basket Tray

| Ref. Code | H (mm) | W (mm) | L (mm) | Wire Ø (mm) | Sm (mm ²) | Su (cm ²) | Weight (Kg/m) | SWL (N/m) |
|--------------|--------|--------|--------|-------------|-----------------------|-----------------------|---------------|-----------|
| EC100.500EZ | 108 | 502 | 3000 | 4,6/4,8 | 265,90 | 498,66 | 3,115 | 588 |
| EC100.500HDG | 108 | 502 | 3000 | 4,6/4,8 | 265,90 | 498,66 | 3,582 | 588 |
| EC100.500IN | 108 | 502 | 3000 | 4,7 | 277,59 | 499,08 | 3,207 | 588 |

H (mm): External height
W (mm): External width
L (mm): Total length
Wire Ø (mm): Diameter of wires

Sm (mm²): Cross-sectional area of metal = (n° long. wires) x (π x (Ø/2)²)
Su (cm²): Useful cross section = ((H - wire Ø) x (W - wires Ø)) / 100
SWL (N/m): Safe Working Load according to test method IEC 61537. Span 1,5 m.

| Type of steel | Tensile strength (Kg/mm ²) | Yield Strength (Kg/mm ²) |
|----------------------------------|--|--------------------------------------|
| Steel C9D UNE-EN ISO 16120-2 | 60 - 74 | 59 - 73 |
| Stainless Steel AISI 304 or 316L | 70 - 80 | 54 - 65 |

| Suffix Code | Description of Coating / Material |
|-------------|---|
| EZ | Electrolytic Zinc Plating + Passivation with trivalent Cr. Zinc coating thickness: Minimum 12µm. Average 14µm. Corrosion Resistance: <u>Classified 2</u> according to IEC 61537. |
| HDG | Hot Dip Galvanized coating according to ISO 1461. Zinc coating thickness: Minimum 85µm. Average 150µm. Corrosion Resistance: <u>Classified 8</u> according to IEC 61537. |
| IN | Austenitic Stainless Steel AISI 304 or AISI 316L. Pickling process – chemical removal of impurities and welding marks giving the highest protection against corrosion. Corrosion Resistance: <u>Classified 9D</u> according to IEC 61537. |

