

# Cable reels HD Series

Especially designed to minimize cable stress, the HD cable reels are particularly useful in live applications where quick and easy winding and unwinding are required. Sturdily constructed, they enable cables to be neatly and safely stored away. Ideal for OB Van applications, available on wheels or in flight-cases.



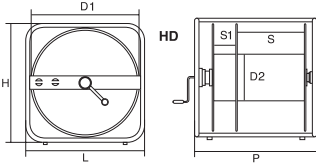
HD Series

This range of cable reels feature rubber supports making them stockable to save space both when in use and during storage.



AV HD 600 with FLY HD600

From the HD cable reels range, the new HD 600 can carry up to 100 meters of 48, 56 or 64 pairs cables.



How choose your cable reel holder according to cable size

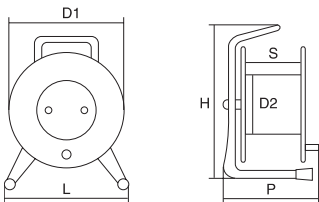
$$L = \frac{K}{D^2} \times 1.000$$

L = Cable lenght (m)  
D = Overall diameter (mm)  
K = see table

| AV Code                 | HD 260       | HD 350       | HD 500   | HD 600 R | HD 600   | FS 350 | FS 500 | FS 600 R | FS 600 |
|-------------------------|--------------|--------------|----------|----------|----------|--------|--------|----------|--------|
| DIMENSIONAL DATA        |              |              |          |          |          |        |        |          |        |
| Lenght mm               | -            |              |          |          |          | 800    | 900    | 1100     | 1500   |
| K mm³                   | 24.6         | 33.3         | 47.5     | 71.1     | 94.77    | -      | -      | -        | -      |
| D1 mm                   | 400          |              |          | 600      |          | -      | -      | -        | -      |
| D2 mm                   | 160          |              |          | 250      |          | -      | -      | -        | -      |
| S/S1                    | 260/90       | 350/90       | 500/90   | 400/95   | 600/100  | -      | -      | -        | -      |
| H mm                    | 450          |              |          | 640      | 650      | -      | -      | -        | -      |
| P mm                    | 440          | 530          | 680      | 600      | 800      | -      | -      | -        | -      |
| L mm                    | 450          |              |          | 650      |          | -      | -      | -        | -      |
| Weight Kg               | 14           | 15           | 16       | 28       | 32       | -      | -      | -        | -      |
| Packaging dimensions cm | 46.5x50x46.5 | 53.5x49x46.5 | 68x49x46 | 70x69x70 | 81x69x68 | -      | -      | -        | -      |

# Cable reels SP Series

Manufactured in plastic or metal, they meet all safety and quality requirements. All cable reels are equipped with brake.



AV GT Series



| AV Code                 | AX100          | SP380          | SP450        | GT310        | GT380          | SK460          |
|-------------------------|----------------|----------------|--------------|--------------|----------------|----------------|
| GENERAL DATA            |                |                |              |              |                |                |
| Material                | Thermoplastic  |                |              |              |                | Steel          |
| DIMENSIONAL DATA        |                |                |              |              |                |                |
| K mm³                   | 4.00           | 11.70          | 17.50        | -            | -              | 18.00          |
| D1 mm                   | 264            | 385            | 445          | 310          | 380            | 460            |
| D2 mm                   | 135            | 178            | 295          | 170          | 236            | 178            |
| S mm                    | 110            | 142            | 177          | 132          | 182            | 142            |
| H mm                    | 365            | 450            | 554          | 367          | 491            | 550            |
| P mm                    | 200            | 200            | 270          | 229          | 291            | 230            |
| L mm                    | 280            | 325            | 395          | 263          | 310            | 375            |
| Weight Kg               | 1.30           | 3.50           | 5.10         | 1.60         | 3.90           | 7.20           |
| Packaging dimensions cm | 38 x 21.5 x 29 | 45 x 24.5 x 39 | 56 x 34 x 46 | 45 x 33 x 32 | 61 x 43.5 x 40 | 55.5 x 26 x 48 |

| AV Code     | FS 350                                            | FS 500                                            | SC 170                                               | KOMB 450              | Komb SO                                              |
|-------------|---------------------------------------------------|---------------------------------------------------|------------------------------------------------------|-----------------------|------------------------------------------------------|
| Description | Cable restraining strap. velcro stop lenght 80 cm | Cable restraining strap. velcro stop lenght 90 cm | Cable support flange for items AV SP380 and AV SK460 | Side lid for AV SP450 | Cable support flange for items AV SP380 and AV SK460 |

| Code        | PFAV1X04                           | PFAV2X12                                         | PFAV3X24                            |
|-------------|------------------------------------|--------------------------------------------------|-------------------------------------|
| Description | Side panel for AV AX100 for 4 XLRs | Side panel for AV SP380 and AV SK360 for 12 XLRs | Side panel for AV SP450 for 24 XLRs |

## Metric<sup>2</sup>/AWG Wire Size Equivalents

In Europe, wire and cables are expressed in mm<sup>2</sup> (cross sectional area), while in USA the AWG (American Wire Gauge) is the standard system used for both solid and strand conductors. See the cross reference scheme below.

| AWG             | 32    | 30    | 28    | 26   | 24   | 22   | 21   | 20   | 18   | 17   | 16   | 14   | 13   | 12   | 10   | 11   | 8    | 6    | 4    | 2    | 1    | 2/0  | 2/0 | 4/0 |
|-----------------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| mm <sup>2</sup> | 0.032 | 0.051 | 0.081 | 0.13 | 0.20 | 0.33 | 0.41 | 0.52 | 0.82 | 1.04 | 1.31 | 2.08 | 2.62 | 3.31 | 5.26 | 4.17 | 8.37 | 13.3 | 21.2 | 33.6 | 42.4 | 67.4 | 85  | 107 |

Cross references refer to solid copper wire. For stranded conductors a range of values must be considered. i.e. AWG 24 stranded conductors are comprised between a range of 0.20 mm<sup>2</sup> and 0.24 mm<sup>2</sup>.

## Conductor Resistance

| mm <sup>2</sup> | 0.03 | 0.05 | 0.08 | 0.14 | 0.22  | 0.34 | 0.38 | 0.50  | 0.75 | 1.50  | 2.50 | 4.00 |
|-----------------|------|------|------|------|-------|------|------|-------|------|-------|------|------|
| Ohm/km          | 578  | 350  | 232  | 146  | 76.40 | 55   | 44   | 34.50 | 23   | 14.70 | 8.80 | 4.50 |

## Capacity Reference Table for **eurocable** Reels

| Cable O.D. (mm) | 4   | 6   | 8   | 10  | 12  | 15  | 18  | 20  | 22 | 24 | 26  | 28  | 30  | 32 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|----|
| AV AX100        | 250 | 111 | 63  | 40  | 28  |     |     |     |    |    |     |     |     |    |
| AV SP380        | 731 | 325 | 183 | 117 | 81  | 52  | 36  | 29  |    |    |     |     |     |    |
| AV SP450        |     |     | 227 | 145 | 101 | 64  | 45  | 36  | 30 | 25 |     |     |     |    |
| AV SK460        |     |     |     | 180 | 125 | 80  | 56  | 45  | 37 | 31 | 27  |     |     |    |
| AV HD260        |     |     |     | 246 | 171 | 109 | 76  | 62  | 51 | 43 | 36  | 31  | 27  | 24 |
| AV HD350        |     |     |     |     | 231 | 148 | 102 | 83  | 69 | 58 | 49  | 42  | 37  | 32 |
| AV HD500        |     |     |     |     |     | 211 | 146 | 119 | 98 | 82 | 70  | 60  | 53  | 46 |
| AV HD600        |     |     |     |     |     |     |     |     |    |    | 140 | 120 | 105 | 92 |
| AV HD600 R      |     |     |     |     |     |     |     |     |    |    | 100 | 90  | 75  | 65 |
| AV GT310        | 398 | 166 | 84  | 64  | 39  | 22  |     |     |    |    |     |     |     |    |
| AV GT380        | 740 | 319 | 170 | 114 | 82  | 43  | 29  | 24  |    |    |     |     |     |    |

Capacity table for cable reels, based on O.D. of the cable used. Measure the O.D. (mm) of your cable to choose the appropriate cable reel.  
The above values are expressed in meters.