

# 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.



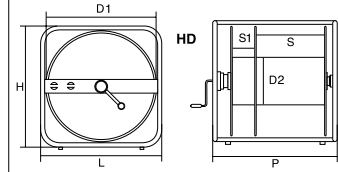
HD Series

This range of cable reels features rubber supports making them stackable 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:

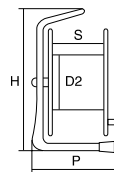
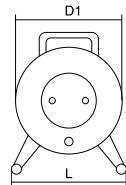
$$L = \frac{K \times 1.000}{D^2}$$

L = Cable length (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
<b>DIMENSIONAL DATA</b>									
Length mm						800	900	1100	1500
K mm <sup>3</sup>	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	GT310RM	GT380RM	SK460
<b>GENERAL DATA</b>						
Material	Thermoplastic					Steel
<b>DIMENSIONAL DATA</b>						
K mm <sup>3</sup>	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 length 80 cm	Cable restraining strap. Velcro stop length 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	11	10	8	6	4	2	1	2/0	3/0	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	4.17	5.26	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 GT310RM	398	166	84	64	39	22								
AV GT380RM	740	319	170	114	82	43	29	24						
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

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.