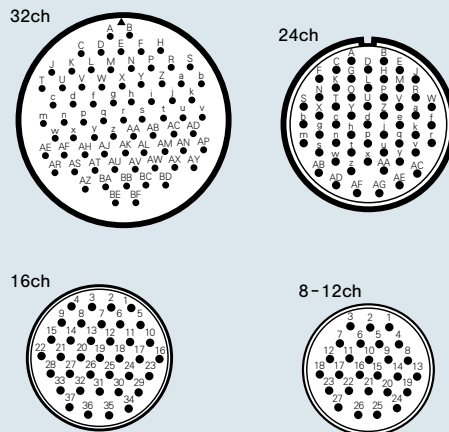


Multichannel Systems

Pin Assignments, Reels

Multichannel Connector Pin Assignments

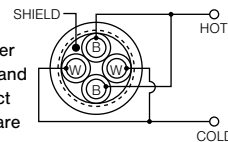
Ch No.	Cable Unit Identification		32ch		24ch		16ch		8ch / 12ch		
	L-4E3	M202	D/MS3102A36-73 D/MS3106B36-73		D/MS3102A32A-10 D/MS3106B32A-10		FK37		NK27		
	Spiral Marker Color	Insulator Color Identifying Color Common Identifying Color	HOT	COLD	HOT	COLD	HOT	COLD	HOT	COLD	
1	RED	RED • WHT	A	B	A	B	1	2	1	3	
2	BLU	BLU •	C	D	C	D	3	4	4	5	
3	YEL	YEL •	F	H	F	G	5	6	6	7	
4	GRN	GRN •	J	K	H	J	8	9	8	9	
5	BRN	BRN •	L	M	K	L	10	11	11	12	
6	N/A	GRY •	N	P	N	O	12	13	13	14	
7	BLU • BLK	BLU • BLK	R	S	P	R	14	15	15	16	
8	YEL • BLK	YEL •	T	U	S	T	16	17	17	18	
9	GRN • BLK	GRN •	V	W	U	V	21	22	19	20	
10	BRN • BLK	BRN •	Y	Z	X	Y	23	24	22	23	
11	BLK	GRY •	a	b	Z	a	25	26	24	25	
12	BLU • ORN	BLU • ORN	c	d	b	c	27	28	26	27	
13	YEL • ORN	YEL •	f	g	d	e	29	30	SHIELD		
14	GRN • ORN	GRN •	h	i	g	h	32	33	10		
15	BRN • ORN	BRN •	j	k	j	k	34	35			
16	ORN	GRY •	m	n	m	n	36	37			
17	BLU • PNK	BLU • PNK	u	v	p	q	SHIELD				
18	YEL • PNK	YEL •	w	x	s	t	19				
19	GRN • PNK	GRN •	y	z	u	v					
20	BRN • PNK	BRN •	AA	AB	w	x					
21	PNK	GRY •	AC	AD	AB	z					
22	BLU • WHT	BLU • RED	AE	AF	AA	AC					
23	YEL • WHT	YEL •	AH	AJ	AD	AF					
24	GRN • WHT	GRN •	AL	AM	AG	AE					
25	—	BRN •	AN	AP	SHIELD						
26	—	GRY •	AR	AS	E						
27	—	YEL • BLU	AT	AU							
28	—	GRN •	AV	AW							
29	—	BRN •	AX	AY							
30	—	GRN • YEL	AZ	BA							
31	—	BRN •	BC	BD							
32	—	GRY •	BE	BF							
			SHIELD								
			E	q	t						
			X	r	AK						
			p	s	BB						



■ Connection Method

L-4E3 Types:

Identify the channel number by the color of the spiral marker on the inner jacket (gray). The unit is 4-core construction and the insulator colors are blue, blue, white, and white. Connect these with the same colored cores, so that the blue cores are connected to Hot and the white cores to Cold.



M202 Types:

The unit is 2-core construction, with the channel number identified by the insulator color (a combination of the identifying color and common identifying color). Connect the identifying color core to Hot, and the common identifying color core to Cold.

■ Connections to XLR Connectors

Polarity	HOT	COLD	SHIELD
Pin No.	2	3	1

Lightweight Cable Reels

Lightweight plastic cable reels made by Schill™

Model	Flange Dim.	Description	Weight
RGT310.RM	310 mm	with auxiliary reel	1.8 kg
RGT380.RM	380 mm		4.8 kg
RGT310.MFK	310 mm	with latching door	1.4 kg
RGT380.MFK	380 mm		4.3 kg

Color: dark blue

- Canare and Schill™ collaboration
- *Schill™ is a trademark of Schill GmbH & Co. KG
- Easy to carry around
- High quality resin: durable, weatherproof and lightweight.
- Locking brake
- Latching door type (MFK) allows you to store cable connector inside reel.
- Canare special colored flange
- Rough estimate of maximum cable lengths (cable O.D.)
- RGT310: L-4E6S 120 m (6 mm)
- RGT380: L-5CFW 130 m (7.7 mm)
- RJC6A-4P-SFM 110m (8.6 mm)
- LF-2SM9N 100m (9.2 mm)



RGT310.RM

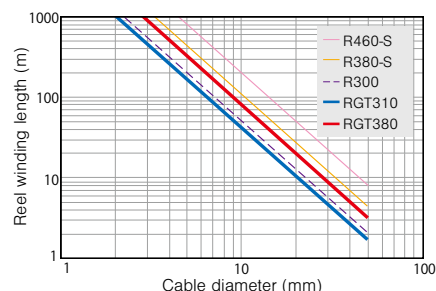
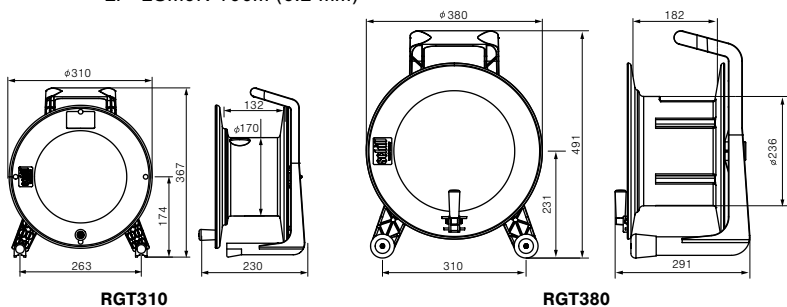


RGT380.MFK



RGT380.MFK
door open

Website



Cable winding length reference chart

Cable Reels

Dependable cable reels Dependable steel reels with 3-speed brake

Model	Flange Dim.	Description	Feature	Weight
R300-S	300 mm	with auxiliary reel	stackable	4.6 kg
R380-S	380 mm		w/caster	8.3 kg
R460-S	460 mm		w/caster	9.9 kg
R300	300 mm	cable hole on hub (no exit)	stackable	4.3 kg
R300-L	300 mm	connector trench on hub (no holes)	stackable	4.4 kg
R300-CN	300 mm	XLR3 receptacles on hub and flange	stackable	4.6 kg
R300-BN	300 mm	BNC receptacles on hub and flange	stackable	4.6 kg

Color: black

- 3-speed brake : lock/soft/free
- Oilless bearing
- Tubular steel E brace construction
- Parallel wired M & F XLR3s for genderless connection (R300-CN)

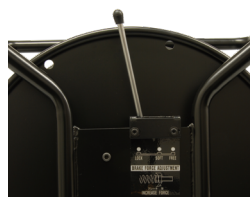
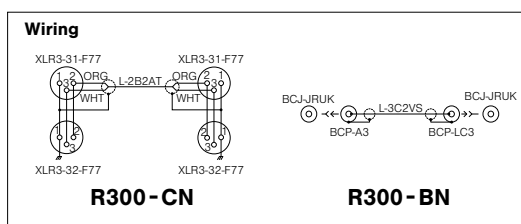
Website



R460-S



R300-S



3-speed brake

Reels with Cable Assemblies

Cable reels with detachable cables

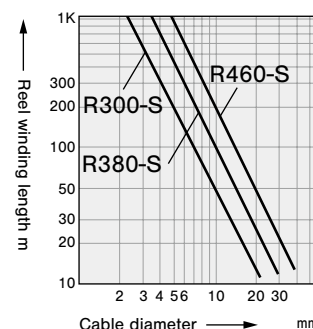
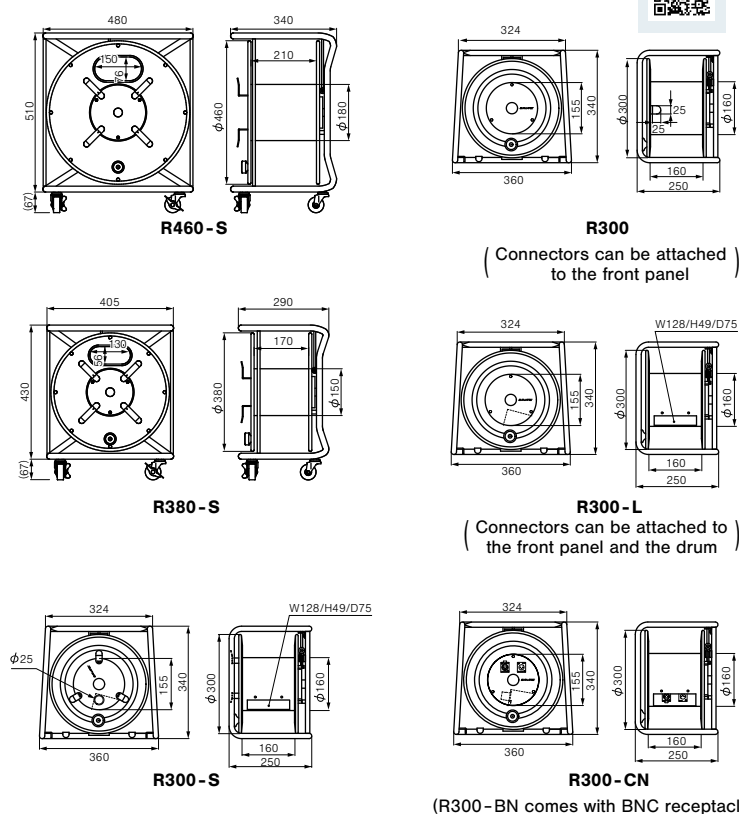
Model	Cable reel	Description			Weight (kg)
		Inner end	Cable	Outer end	
CR100-CN	R300-CN	XLR3-12C	L-4E6S(100m)	XLR3-11C	9.6
CR100-S	R300-S	XLR3-12C	L-4E6S(100m)	XLR3-11C	9.6
CR90-BN	R300-BN	BCP-H5B	L-5C2VS(90m)	BCP-H5B	10.5

Website



CR100-CN

Dimensions



Cable winding length reference chart

<Wind length conversion formula>

$$R300-S \text{ (S, L, CN)} \quad L = \frac{8448}{D^2} \times 0.6 \text{ (m)} \quad R460-S \quad L = \frac{33852}{D^2} \times 0.6 \text{ (m)}$$

$$R380-S \quad L = \frac{18207}{D^2} \times 0.6 \text{ (m)} \quad D: \text{cable outer diameter (mm)} \\ L: \text{wind length}$$

R300-CN
(R300-BN comes with BNC receptacles)

Technical Trend

IP Connectivity Products

Fiber-Optic Systems

Connectors

Cables

Panels & Patchbays

Multichannel Systems

Cable Assemblies