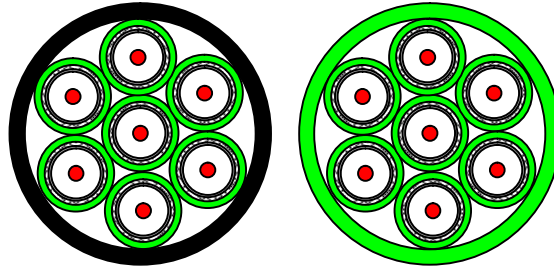


## 2 / 3 / 4 / 5 / 7 / 8 cores 0.6/2.8 AF

### Studio Connecting Cable



### Application

Studio connecting cables are primarily used in closed circuit TV systems and for compact installations in studios and broadcasting vans. They are not suitable for continuously moved applications.

### Standards

### Flame resistance

### Construction

Inner conductor	solid copper wire, bare, diameter 0.6 mm
Insulation	Foam-PE, diameter 2.8 mm
Outer conductor	Al-PET-Al-foil under copper braid, tinned, 16x8x0.1, optical coverage 91 %, diameter 3.4 mm
Sheath	FRNC, PVC or DMC FLEX PVC, diameter 4.5 mm green, RAL 6018
Printing	<b>DRAKA</b> COMTEQ – 0.6/2.8 AF – 75 Ω ± 1% - FRNC + number printing
Stranding	2 cores as figure eight, diameter 3.4 x 6.8 mm 3 cores: 0 + 3 x coaxial, diameter 9.8 mm 4 cores: 0 + 4 x coaxial, diameter 10.9 mm 5 cores: 0 + 5 x coaxial, diameter 12.2 mm 7 core: 1 + 6 x coaxial, diameter 13.5 mm 8 core: 1 + 7 x coaxial, diameter 15.0 mm
Sheath	FRNC, PVC, PVC-rubber or PU outer sheath colour black for DMC FLEC PVC version 2 cores as figure eight version: diameter 4.55 x 9.1 mm 3 cores: diameter 12.0 mm 4 cores: diameter 13.1 mm 5 cores: diameter 14.6 mm 7 cores: diameter 16.0 mm 8 cores: diameter 17.8 mm
Printing	for FRNC " <b>DRAKA</b> COMTEQ – 75x-701 FRNC-C" for PVC " <b>DRAKA</b> COMTEQ – 75x-702" for PUR " <b>DRAKA</b> COMTEQ – 75x-703" for DMC FLEX PVC " <b>DRAKA</b> COMTEQ – 75x-704"

## 2 / 3 / 4 / 5 / 7 / 8 cores 0.6/2.8 AF

### Electrical properties

at 20°C

Characteristic impedance		75 $\Omega \pm 0.75 \Omega$
Screening factor		> 100 dB
Velocity ratio		78 %
DC resistance	Inner conductor	78 $\Omega$ /km
	Outer conductor	17 $\Omega$ /km
Mutual capacitance		56 pF/m

### Electrical data

at 20°C

#### Coaxial cable 0.6/2.8 AF – 75 $\Omega$

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
0.1	0.39	50 – 300	> 22
0.3	0.65	300 – 800	> 18
0.6	0.9		
1	1.2		
3	1.9		
5	2.5		
10	3.5		
30	5.9		
100	10.5		
200	15.0		
300	18.7		
500	24.5		
800	31.5		

### Cable designation

	FRNC/FRNC Elements: FRNC sheath Outer sheath: FRNC	PVC/PVC Elements: PVC sheath Outer sheath: PVC	FRNC/PUR Elements: FRNC sheath Outer sheath: PUR	PVC/PUR Elements: PVC sheath Outer sheath: PUR	PVC/DMC FLEX PVC- Elements: PVC sheath Outer sheath: PVC-G
2fach					752-704
3fach	753-701	753-702	-	-	753-704
4fach	754-701	754-702	-	-	754-704
5fach	755-701	-	-	755-703	755-704
7fach	757-701	757-702	757-703	-	757-704
8fach					758-704

## 2 / 3 / 4 / 5 / 7 / 8 cores 0.6/2.8 AF

### Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size KTG	Copper content	Tensile force N	Minimum bending radius mm	Storage
1002278 CT272990 0	753-701 FRNC	160	1000	800/330/45 0	43.1	200	180	inside
1002277 CT272980 0	754-701 FRNC	200	1000	900/450/56 0	57.5	280	200	inside
1002317 CT296070 0	755-701 FRNC	195	1000	1000/500/5 60	70.0	315	220	inside
1002276 CT272970 0	757-701 FRNC	300	1000	1000/500/5 60	100.4	500	250	inside
1002295 CT279380 0	753-702 PVC	158	1000	800/330/45 0	43.1	200	190	inside
1002299 CT280610 0	754-702 PVC	195	1000	900/450/56 0	57.5	280	210	inside
1002294 CT278790 0	757-702 PVC	277	1000	1000/500/5 60	100.4	500	255	inside
1002218 CT287920 0	755-703 PUR	195	1000	1000/500/5 60	70.0	315	220	inside
1002285 CT275880 0	757-703 PUR	270	1000	1000/500/5 60	100.4	500	250	inside
1002275 CT272200 0	752-704 PVC-G	50	1000	500/200/36 0	28.0	120	65	inside
1002296 CT279380 1	753-704 PVC-G	125	1000	800/330/45 0	43.1	200	100	inside
1002301 CT280610 2	754-704 PVC-G	160	1000	900/450/56 0	57.5	280	200	inside
1002327 CT298760 0	755-704 PVC-G	195	1000	1000/500/5 60	70	315	220	inside
1002314 CT295850 0	757-704 PVC-G	250	1000	1000/500/5 60	100.4	500	250	inside
1002315 CT295860	758-704 PVC-G	297	1000	1100/500/6 50	114.7	570	265	inside

## 2 / 3 / 4 / 5 / 7 / 8 cores 0.6/2.8 AF

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### Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
755-704 5x0.6/2.8AF PVC sw		60012401	<b>60012401</b>
757-701 FRNC		60013984	<b>60013984</b>
753-704 PVC SW		60014348	<b>60014348</b>
754-704 PVC sw		60014355	<b>60014355</b>
757-704 7x0.6/2.8AF		60014699	<b>60014699</b>
758-704 8x0.6/2.8AF PVC sw		60014702	<b>60014702</b>
758-704 8x(0.6/2.8AF PVC RD) PVC/R BK		60014705	<b>60014705</b>
758-704 8x(0.6/2.8AF PVC BU) PVC/R BK		60014708	<b>60014708</b>
755-701 FRNC-C		60014743	<b>60014743</b>

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