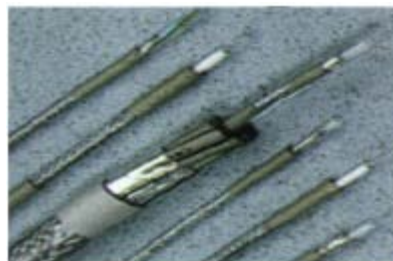


## Mini-coaxial Cable for Telecommunication

### Application

Digital distribution frame(DDF)  
 Digital UIT-G.703 coaxial links  
 Fixed telephony commutation  
 Digital video  
 DS-3/DS-4 network links



### Main Characteristics

Precise manufacturing for loss accuracy  
 Low loss and high screen effectiveness  
 Flame retardant PVC or HFLS/LSZH - zero/free halogen and low smoke sheath  
 According to PTT standards

### Specification

#### SPANISH TELEFONICA STANDARD

Model	Inner		Dielectric		Shield		Sheath			DC resist. (Ω/KM)		Capa. pF/m	Insulation MΩ/KM
	Material	mm	Material	mm	Tape	Braid	Material	mm	Color	Inner	Outer		
FLEX-2	Cu-Ag	0.29	Solid PE	1.7	Al-Pet	Cu-Sn	PVC	2.55-2.5	Grey	335	35	70	10
FLEX-3	Cu	0.4	Solid PE	2.3	Al-Pet	Cu-Sn		3.3-3.7		114	24	70	10
FLEX-5	Cu-Sn	7×0.19	Cell PE	2.8	-	2×Cu-Sn		4.7		95	9	62	10
FLEX-6	Cu-Ag	0.8	Cell PE	3.9	Al-Pet	Cu-Sn		6		39	13	62	10

#### TELECOM ITALIRA STANDARD

Model	Inner		Dielectric		Shield		Sheath			DC resist. (Ω/KM)		Capa. pF/m	Insulation MΩ/KM
	Material	mm	Material	mm	Tape	Braid	Material	mm	Color	Inner	Outer		
ST-212	Cu	0.4	Cell PE	1.9	Al-Pet	Cu-Sn	HFLS	3.1	Grey	145	25	60	10
ST-214	Cu	0.8	Cell PE	3.7	High permeability metallic tape	2×Cu-Sn		5.9		37	10	60	10

#### BRITISH TELECOM STANDARD

Model	Inner		Dielectric		Shield		Sheath			DC resist. (Ω/KM)		Capa. pF/m	Insulation MΩ/KM
	Material	mm	Material	mm	Tape	Braid	Material	mm	Color	Inner	Outer		
BT-2002	Cu	7×0.2	Cell PE	2.4	-	2×Cu-Sn	PVC	5.1	White	95	10	62	10
BT-2003		0.61	Solid PE	3.7	-	2×Cu		6.65		63	5	70	10
BT-3002		0.31	Solid PE	1.95	-	2×Cu		3.55		236	19.5	70	10
2003 LOW LOSS		0.6	Foam PE	2.8	Al	Cu-Sn		3.55				62	10

#### BELLCORE STANDARD (GR-139-CORE)

Model	Inner		Dielectric		Shield		Sheath			DC resist. (Ω/KM)		Capa. pF/m	Insulation MΩ/KM	
	Material	mm	Material	mm	Tape	Braid	Material	mm	Color	Inner	Outer			
734	Cu	0.81	Foam PE	3.81	Al-Pet-Al	Cu-Sn	PVC	5.5	Grey	351	8.8	58	10	
735		0.404	Foam PE	1.96				Cu-Sn		3.4	130	18.4	58	10
735 G-3		0.404	Foam PE	1.96				Braid of AWG 38		3.4	130	15	58	10

#### ERICSSON STANDARD

Model	Inner		Dielectric		Shield		Sheath			DC resist. (Ω/KM)		Capa. pF/m	Insulation MΩ/KM
	Material	mm	Material	mm	Tape	Braid	Material	mm	Color	Inner	Outer		
TZC 750 24	Cu	0.31	Solid PE	1.95	-	2×Cu-Sn	PVC	3.55	Black	228	17.5	67	5
TZC 750 25	Cu	0.31	Solid PE	1.95	-	2×Cu-Sn	HFLS	3.55		228	17.5	67	5

TZC 750 05	Cu-Sn	0.49	Solid PE	3	-	2xCu-Sn	PVC	5.6		93	6	67	5
------------	-------	------	----------	---	---	---------	-----	-----	--	----	---	----	---

## JAPANESE STANDARD

Model	Inner		Dielectric		Shield		Sheath			DC resist. ( $\Omega$ /KM)		Capa. pF/m	Insulation M $\Omega$ /KM
	Material	mm	Material	mm	Tape	Braid	Material	mm	Color	Inner	Outer		
1.5 C-2V	Cu	0.25	Solid PE	1.6	-	Cu	PVC	2.9	Black	355	70	70	10
2.5 C-2V		0.4		2.4		Cu-Sn		4		145	17	70	10
2.5 C-2W		0.4		2.4		2xCu-Sn		4.7		145	9.2	70	10
3 C-2V		0.5		3.1		Cu-Sn		5.4		91.5	9.2	70	10
3 C-2W		0.5		3.1		2xCu		6.5		91.5	5	70	10
5 C-2V		0.8		4.9		Cu		7.4		35.9	8	70	10
5 C-2W		0.8		4.9		2xCu		8.3		35.9	4	70	10

## Attenuation @ 20 °C (dB/100m)

Cable	FREQUENCY (MHz)														
	1.02	4.22	5	10	17.18	20	30	34.37	50	70	100	200	210	211.87	
FLEX-2	1.7	2.46			10.35			14.51		18.95	23.18				
FLEX-3	2.1	4.1			8.5			10.5		14.6			24.5		
FLEX-5	1.5	2.75			6.2			8.1		12.1					
FLEX-6															
ST-212	1.8	3.9		5.7					12.2	14.3	16.9			23.1	
ST-214	0.9	1.95				4.3			6.8	8.5					
BT-2002	1.9	3.8			6.9					11.7					
BT-2003	1.3	2.4	2.6		9					10					
BT-3002	2.2	4.3	2	2.6					5.9	17	21.5				
2003 LOW LOSS	1.23				8.3	9.5		11.8							
734			3.9	5.6					12.5	9.2		13.1			
735	2		3.9	5.6					12.5	14		25.6			
735 G-3	2				9.3					14		25.8			
TZC 750 24	2.3	4.6			9.3					19		32			
TZC 750 25	2.3	4.6			5.9					19		32			
TZC 750 05	1.7	3								12		18			
1.5 C-2V															
2.5 C-2V	1.7		3.6	4.2			9.3				17				
2.5 C-2W	1.7		3.6	4.2			9.3				17				
3 C-2V	1.3		2.9	5.1			7.3				14				
3 C-2W	1.3		2.9	5.1			7.3				14				
5 C-2V	0.8			2.7			4.7					12.6			
5 C-2W	0.8			2.7			4.7					12.6			