

High performance connectors (including F series, TS series, CATV adaptor series) are designed for demanding digital applications where high-quality and high-performance connectors are required. These connectors provide superior low return loss and 75 ohm impedance with frequency up to 3 GHz. And these connectors are the perfect choice for use in TV antenna, SMATV/CATV, satellite communication, test instrumentation and high performance customer premises applications.



# CATV ADAPTOR Series

CATV

<b>C-7001</b> 5/8 Male to F Female			F Female (3/8-32UNEF) Accepts 0.6~1.2 Pin Pin Length 47mm (Other Lengths On Request)	
P/N	CABLE GROUP	IMPEDANCE		
7001	N/A	75		

<b>C-7002</b> 5/8 Male to F Female			F Female (3/8-32UNEF) Accepts 0.6~1.2 Pin Pin Length 31mm (Other Lengths On Request)	
P/N	CABLE GROUP	IMPEDANCE		
7002	N/A	75		

<b>C-7003</b> PG11 Male to F Female			F Female (3/8-32UNEF) Accepts 0.6~1.2 Pin Pin Length 47mm (Other Lengths On Request)	
P/N	CABLE GROUP	IMPEDANCE		
7003	N/A	75		

<b>C-7004</b> PG11 Male to IEC Female			IEC Female (M14-1) Pin Length 47mm (Other Lengths On Request)	
P/N	CABLE GROUP	IMPEDANCE		
7004	N/A	75		

<b>C-7005</b> 5/8 Male to F Female			F Female (3/8-32UNEF) Accepts 0.6~1.2 Pin Pin Length 47mm (Other Lengths On Request)	
P/N	CABLE GROUP	IMPEDANCE		
7005	N/A	75		

<b>C-7006</b> 5/8 Male to IEC Female			IEC Female (M14*1) Pin Length 47mm (Other Lengths On Request)	
P/N	CABLE GROUP	IMPEDANCE		
7006	N/A	75		

<b>C-7007</b> 5/8 Male to N Female			N Female (5/8-24UNEF) Pin Length 47mm (Other Length On Request)	
P/N	CABLE GROUP	IMPEDANCE		
7007	N/A	75		

<b>C-7008</b> 5/8 Male to 3.5/12 Female			3.5*12 Female (M20-1) Pin Length 47mm (Other Length On Request)	
P/N	CABLE GROUP	IMPEDANCE		
7008	N/A	75		

<b>C-7009</b> PG11 Male to 3.5/12 Female			3.5/12 Female(M20-1) Pin Length 47mm (Other Length On Request)	
P/N	CABLE GROUP	IMPEDANCE		
7009	N/A	75		

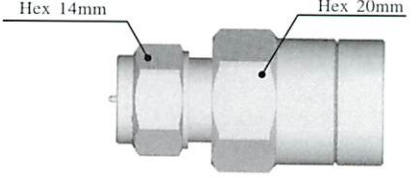
<b>C-7010</b> PG11 Male to N Female			N Female (5/8-24UNEF) Pin Length 47mm (Other Length On Request)	
P/N	CABLE GROUP	IMPEDANCE		
7010	N/A	75		

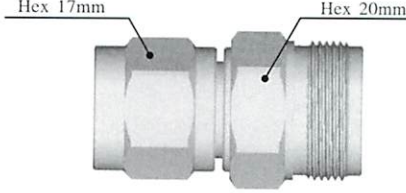
<b>C-7011</b> 3.5/12 Male to F Female			F Female (3/8-32UNEF) Accepts 0.6~1.2 Pin	
P/N	CABLE GROUP	IMPEDANCE		
7011	N/A	75		

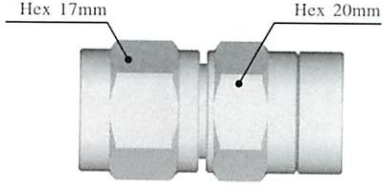
<b>C-7012</b> 5/8 Female to N Female			5/8 Female Accepts Pin 1.6~2.2mm	
P/N	CABLE GROUP	IMPEDANCE		
7012	N/A	75		

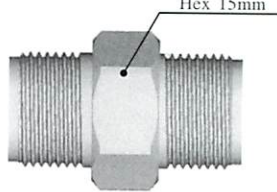
# CATV ADAPTOR Series

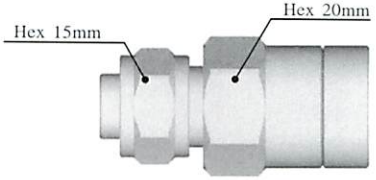
CATV

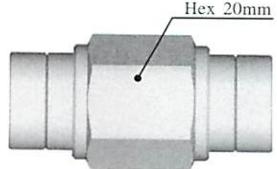
<b>C-7013</b> F Male to 5/8 Female			5/8 Female Accepts Pin 1.6~2.2mm
P/N	CABLE GROUP	IMPEDANCE	
<b>7013</b>	<b>N/A</b>	<b>75</b>	

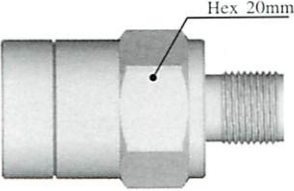
<b>C-7014</b> N Male to 5/8 Female			5/8 Female Accepts Pin 1.6~2.2mm
P/N	CABLE GROUP	IMPEDANCE	
<b>7014</b>	<b>N/A</b>	<b>75</b>	

<b>C-7015</b> N Male to 3.5/12 Female			
P/N	CABLE GROUP	IMPEDANCE	
<b>7015</b>	<b>N/A</b>	<b>75</b>	

<b>C-7016</b> IEC Female to IEC Female			
P/N	CABLE GROUP	IMPEDANCE	
<b>7016</b>	<b>N/A</b>	<b>75</b>	

<b>C-7017</b> IEC Male to 5/8 Female			5/8 Female Accepts Pin 1.6~2.2mm
P/N	CABLE GROUP	IMPEDANCE	
<b>7017</b>	<b>N/A</b>	<b>75</b>	

<b>C-7018</b> 5/8 Female to 5/8 Female			Accepts Pin 1.6~2.2mm
P/N	CABLE GROUP	IMPEDANCE	
<b>7018</b>	<b>N/A</b>	<b>75</b>	

<b>C-7019</b> 5/8 Female to F Female			F Female (3/8-32UNEF) Accepts Pin 0.6~1.2mm 5/8 Female Accepts Pin 1.6~2.2mm	
P/N	CABLE GROUP	IMPEDANCE		
7019	N/A	75		

CATV

P/N	CABLE GROUP	IMPEDANCE	

P/N	CABLE GROUP	IMPEDANCE	

P/N	CABLE GROUP	IMPEDANCE	

P/N	CABLE GROUP	IMPEDANCE	

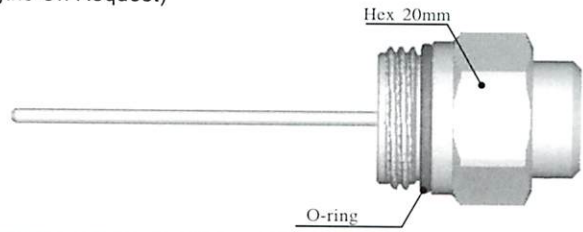
P/N	CABLE GROUP	IMPEDANCE	

# CATV TERMINATOR Series

CATV

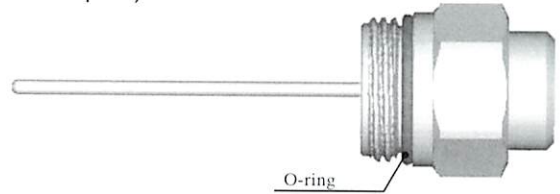
<b>C-7051</b> PG11 Male Terminator		
P/N	CABLE GROUP	IMPEDANCE
7051	N/A	75

Pin Length 47mm  
(Other Lengths On Request)



<b>C-7052</b> 5/8 Male Terminator		
P/N	CABLE GROUP	IMPEDANCE
7052	N/A	75

Pin Length 47mm  
(Other Lengths On Request)



P/N	CABLE GROUP	IMPEDANCE

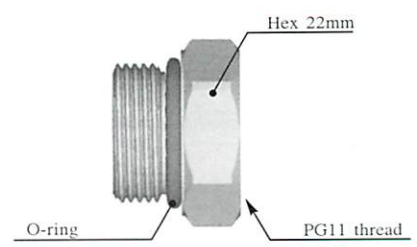
P/N	CABLE GROUP	IMPEDANCE

P/N	CABLE GROUP	IMPEDANCE

P/N	CABLE GROUP	IMPEDANCE

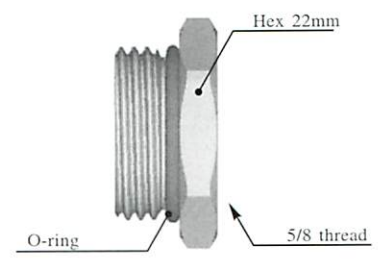
**C-7101**  
5/8 Male to PG11 Female

P/N	CABLE GROUP	IMPEDANCE
7101	N/A	75



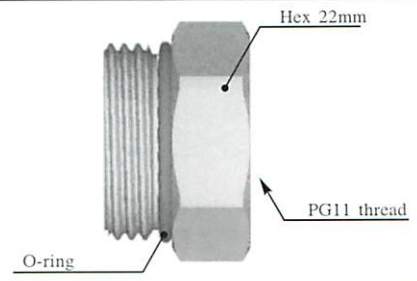
**C-7102**  
PG11 Male to 5/8 Female

P/N	CABLE GROUP	IMPEDANCE
7102	N/A	75



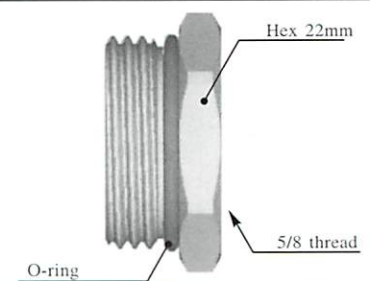
**C-7103**  
PG13.5 Male to PG11 Female

P/N	CABLE GROUP	IMPEDANCE
7103	N/A	75



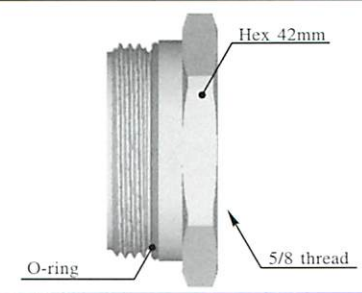
**C-7104**  
PG13.5 Male to 5/8 Female

P/N	CABLE GROUP	IMPEDANCE
7104	N/A	75



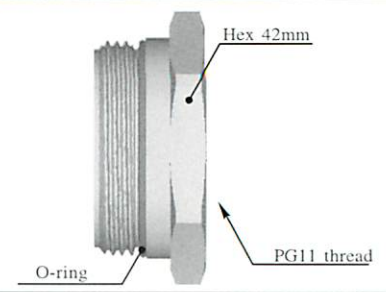
**C-7105**  
PG29 Male to 5/8 Female

P/N	CABLE GROUP	IMPEDANCE
7105	N/A	75



**C-7106**  
PG29 Male to PG11 Female

P/N	CABLE GROUP	IMPEDANCE
7106	N/A	75




# CATV HELIX CABLE CONNECTOR Series



CATV

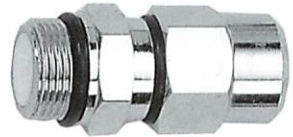
**7130-11**  
Feed Thru Type

MODEL	CABLE ATTACHMENT		CABLE
	Inner	Outer	
7130-11	-----	Crimp	RG-11U



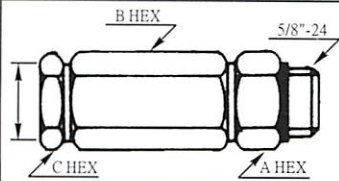
**7131-11**  
Feed Thru Type

MODEL	CABLE ATTACHMENT		CABLE
	Inner	Outer	
7131-11	-----	Crimp	RG-11U

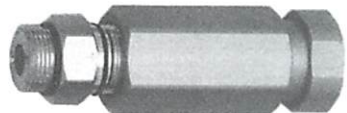


**7133/7134/7135**  
Feed Thru Type

MODEL	CENTER COND.	CABLE O.D
7133	.077	.412
7134	.098	.500
7135	.146	.750




DIMENSION		
A	B	C
3/4"	13/16"	13/16"
3/4"	15/16"	15/16"
1"	1-1/4"	1-1/4"



**7140-2/7140-3**  
Pin Type Connector


MODEL	CABLE SIZE(Unit:m/m)		
	Center	Dielectric	Outersheath
7140-2	1.0-1.7	6.8-7.8	8.8-11.3
7140-3	1.3-2.3	8.8-9.6	11.3-14.5



Connector For Helix Cable Only .

**7146-1/7146-2/7146-3**  
Splice Connector

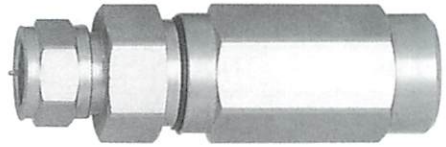
MODEL	CABLE SIZE(Unit:m/m)		
	Center	Dielectric	Outersheath
7146-1	0.6-1.2	4.6-6.4	5.5-7.8
7146-2	1.0-1.7	6.8-7.8	8.8-11.3
7146-3	1.3-2.3	8.8-9.6	11.3-14.5



Connector For Helix Cable Only .

**C-7106**  
F Male

MODEL	CABLE SIZE(Unit:m/m)		
	Center	Dielectric	Outersheath
7147-2	1.0-1.7	6.8-7.8	8.8-11.3
7147-3	1.3-2.3	8.8-9.6	11.3-14.5



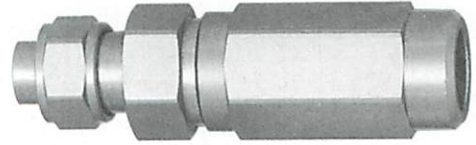
Connector For Helix Cable Only .

# CATV HELIX CABLE CONNECTOR Series



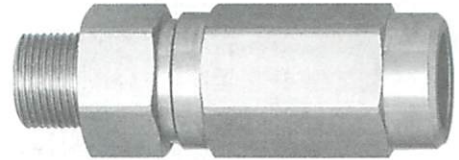
CATV

<b>7148-2 / 7148-3</b> IEC $\phi$ 9.5 Male			
MODEL	CABLE SIZE(Unit:m/m)		
	Center	Dielectric	Outersheath
7148-2	1.0-1.7	6.8-7.8	8.8-11.3
7148-3	1.3-2.3	8.8-9.6	11.3-14.5



Connector For Helix Cable Only .

<b>7149-2 / 7149-3</b> IEC $\phi$ 9.5 Female			
MODEL	CABLE SIZE(Unit:m/m)		
	Center	Dielectric	Outersheath
7149-2	1.0-1.7	6.8-7.8	8.8-11.3
7149-3	1.3-2.3	8.8-9.6	11.3-14.5



Connector For Helix Cable Only .

MODEL	CABLE SIZE(Unit:m/m)		
	Center	Dielectric	Outersheath

MODEL	CABLE SIZE(Unit:m/m)		
	Center	Dielectric	Outersheath

MODEL	CABLE SIZE(Unit:m/m)		
	Center	Dielectric	Outersheath

MODEL	CABLE SIZE(Unit:m/m)		
	Center	Dielectric	Outersheath

# IEC Series

IEC

<b>I-7701</b> I.E.C $\phi$ 9.5 Male Metal(TV Male)				
P/N	CABLE GROUP	IMPEDANCE		
7701	N/A	75		

<b>I-7702</b> I.E.C $\phi$ 9.5 Male W/Attached Crimp Ring				
P/N	CABLE GROUP	IMPEDANCE		
7702	RG-59/U RG-6/U	75		

<b>I-7703</b> I.E.C $\phi$ 9.5 Male Connector				
P/N	CABLE GROUP	IMPEDANCE		
7703	N/A	75		

<b>I-7704</b> I.E.C $\phi$ 9.5 Male Twist On				
P/N	CABLE GROUP	IMPEDANCE		
7704	RG-59/U RG-6/U	75		

<b>I-7705</b> I.E.C $\phi$ 9.5 Male Bulkhead				
P/N	CABLE GROUP	IMPEDANCE		
7705	N/A	75		

<b>I-7706</b> I.E.C $\phi$ 9.5 Male Bulkhead				
P/N	CABLE GROUP	IMPEDANCE		
7706	N/A	75		

# IEC Series

IEC

<b>I-7707</b> I.E.C $\phi 9.5$ Female Metal(TV Female)				
P/N	CABLE GROUP	IMPEDANCE		
7707	N/A	75		

<b>I-7708</b> I.E.C $\phi 9.5$ Female W/Attached Crimp Ring				
P/N	CABLE GROUP	IMPEDANCE		
7708	N/A	75		

<b>I-7709</b> I.E.C $\phi 9.5$ Female Connector				
P/N	CABLE GROUP	IMPEDANCE		
7709	N/A	75		

<b>I-7710</b> I.E.C $\phi 9.5$ Female Twist On				
P/N	CABLE GROUP	IMPEDANCE		
7710	RG-59/U RG-6/U	75 75		

<b>I-7711</b> I.E.C $\phi 9.5$ Female Bulkhead				
P/N	CABLE GROUP	IMPEDANCE		
7711	N/A	75		

<b>I-7712</b> I.E.C $\phi 9.5$ Quick Female Bulkhead				
P/N	CABLE GROUP	IMPEDANCE		
7712	N/A	75		

# IEC Series

IEC

<b>I-7713</b> I.E.C $\phi 9.5$ Quick Female Bulkhead				
P/N	CABLE GROUP	IMPEDANCE		
7713	N/A	75		

<b>I-7714(2340)</b> I.E.C $\phi 9.5$ Female PCB Mount				
P/N	CABLE GROUP	IMPEDANCE		
7714	N/A	75		

<b>I-7715</b> I.E.C $\phi 9.5$ Male to Male Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7715	N/A	75		

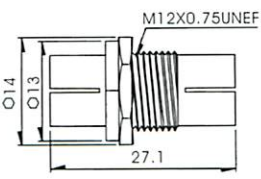

<b>I-7716</b> I.E.C $\phi 9.5$ Male to RCA Male Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7716	N/A	75		

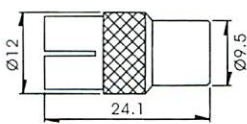

<b>I-7717</b> I.E.C $\phi 9.5$ to RCA Female Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7717	N/A	75		

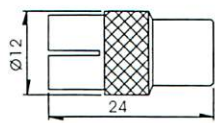

<b>I-7718</b> I.E.C $\phi 9.5$ Splice				
P/N	CABLE GROUP	IMPEDANCE		
7718	N/A	75		

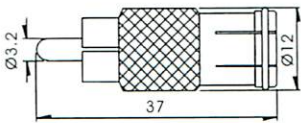

# IEC Series

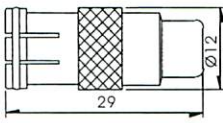

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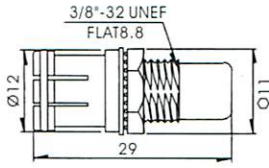

<b>I-7719</b> I.E.C $\phi$ 9.5 Double Female Bulkhead Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7719	N/A	75		

<b>I-7720</b> I.E.C $\phi$ 9.5 Male to $\phi$ 9.0 Female Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7714	N/A	75		

<b>I-7721</b> I.E.C $\phi$ 9.5 Male to Female Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7721	N/A	75		

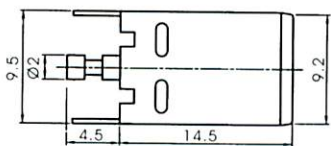

<b>I-7722</b> I.E.C $\phi$ 9.5 Female to RCA Male Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7722	N/A	75		

<b>I-7723</b> I.E.C $\phi$ 9.5 Quick Female to RCA Female Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7723	N/A	75		

<b>I-7724</b> I.E.C $\phi$ 9.5 Quick Female to RCA Female Bulkhead Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7724	N/A	75		

# IEC Series

IEC

<b>I-7729</b> I.E.C $\phi$ 9.5 Male PCB Mount				
P/N	CABLE GROUP	IMPEDANCE		
7729	N/A	75		

P/N	CABLE GROUP	IMPEDANCE		

P/N	CABLE GROUP	IMPEDANCE		

P/N	CABLE GROUP	IMPEDANCE		

P/N	CABLE GROUP	IMPEDANCE		

P/N	CABLE GROUP	IMPEDANCE		

# HIGH PRECISION CONNECTOR

## 75 Ω FOR CATV & SATELLITE

TS

<b>TS-7801</b> F Male Terminator Teflon Insulation			RETURN LOSS: 5MHz:35dB    2GHz:30dB 1GHz:35dB	
P/N	CABLE GROUP	IMPEDANCE		
7801	N/A	75		

<b>TS-7802</b> F Male Terminator Teflon Insulation			RETURN LOSS: 5MHz:35dB    2GHz:30dB 1GHz:35dB	
P/N	CABLE GROUP	IMPEDANCE		
7802	N/A	75		

<b>TS-7803</b> F Female to F Female Teflon Insulation Adaptor			RETURN LOSS: 1MHz:59dB    2GHz:39dB 1GHz:39dB	
P/N	CABLE GROUP	IMPEDANCE		
7803	N/A	75		

<b>TS-7804</b> F Female to F Female Teflon Insulation Adaptor			RETURN LOSS: 1MHz:56dB    2GHz:23dB 1GHz:40dB	
P/N	CABLE GROUP	IMPEDANCE		
7804	N/A	75		

<b>TS-7805</b> M10×0.75 Female				
P/N	CABLE GROUP	IMPEDANCE		
7805	N/A	75		

FREQUENCY	REFLECTION
1MHZ	≤ 1±0.003
1GHZ	≤ 1±0.003
2GHZ	≤ 1±0.003

<b>TS-7806</b> F Female				
P/N	CABLE GROUP	IMPEDANCE		
7806	N/A	75		

FREQUENCY	REFLECTION
1MHZ	≤ 1±0.003
1GHZ	≤ 1±0.003
2GHZ	≤ 1±0.003

# HIGH PRECISION CONNECTOR

## 75 Ω FOR CATV & SATELLITE

TS

<b>TS-7807</b> F Male To N Male Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7807	N/A	75		

<b>TS-7808</b> F Male to N Female Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7808	N/A	75		

<b>TS-7809</b> F Female to N Male Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7809	N/A	75		

<b>TS-7810</b> F Female to N Female Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7810	N/A	75		

<b>TS-7812</b> F Female Terminator Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7812	N/A	75		

<b>TS-7819</b> F Female to IEC Male Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7819	N/A	75		

# HIGH PRECISION CONNECTOR

## 75Ω FOR CATV & SATELLITE



TS

<b>TS-7820</b> F Female to IEC Female Adaptor			RETURN LOSS: 5MHz-1GHz $\geq$ 28dB 1GHz-2GHz $\geq$ 18dB 2GHz-2.5GHz $\geq$ 17dB	
<b>P/N</b>	<b>CABLE GROUP</b>	<b>IMPEDANCE</b>		
<b>7820</b>	<b>N/A</b>	<b>75</b>		

<b>TS-7821</b> F Female to F Female Adaptor			RETURN LOSS: 5MHz-1GHz $\geq$ 30dB 1GHz-2GHz $\geq$ 25dB 2GHz-2.5GHz $\geq$ 20dB	
<b>P/N</b>	<b>CABLE GROUP</b>	<b>IMPEDANCE</b>		
<b>7821</b>	<b>N/A</b>	<b>75</b>	<p>Use 360° Center Conductor With Gold Plate Over Beryllium Copper to Keep high quality performance.</p>	

<b>TS-7822</b> F Terminator			RETURN LOSS: 5MHz-2.3GHz $\geq$ 20dB	
<b>P/N</b>	<b>CABLE GROUP</b>	<b>IMPEDANCE</b>		
<b>7822</b>	<b>N/A</b>	<b>75</b>		

<b>TS-7823</b> F Female PCB Mount			RETURN LOSS: 5MHz-1GHz $\geq$ 24dB 1GHz-2GHz $\geq$ 18dB 2GHz-2.5GHz $\geq$ 16dB	
<b>P/N</b>	<b>CABLE GROUP</b>	<b>IMPEDANCE</b>		
<b>7823</b>	<b>N/A</b>	<b>75</b>	<p>Use 360° Center Conductor With Gold Plate Over Beryllium Copper to Keep high quality performance.</p>	

<b>TS-7824</b> F Female Bulkhead			RETURN LOSS: 2GHz $\geq$ 24dB	
<b>P/N</b>	<b>CABLE GROUP</b>	<b>IMPEDANCE</b>		
<b>7824</b>	<b>N/A</b>	<b>75</b>	<p>Use 360° Center Conductor With Gold Plate Over Beryllium Copper to Keep high quality performance.</p>	

<b>TS-7825</b> F Female to F Female Teflon Insulation Adaptor			RETURN LOSS: 1MHz-2GHz $\geq$ 49dB 2GHz-3GHz $\geq$ 43dB 3GHz-4GHz $\geq$ 35dB	
<b>P/N</b>	<b>CABLE GROUP</b>	<b>IMPEDANCE</b>		
<b>7825</b>	<b>N/A</b>	<b>75</b>		

# HIGH PRECISION CONNECTOR

## 75 Ω FOR CATV & SATELLITE



TS

<b>TS-7826</b> F Female to IEC $\phi 9.5$ Male Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7826	N/A	75		

<b>TS-7827</b> F Female to IEC $\phi 9.5$ Female Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7827	N/A	75		

<b>TS-7828</b> F Female to SMB Female Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7828	N/A	75		

<b>TS-7829</b> F Female to SMB Male Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7829	N/A	75		

<b>TS-7830</b> F Female to SMA Female Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7830	N/A	75		

<b>TS-7831</b> SMA Male to F Female Adaptor				
P/N	CABLE GROUP	IMPEDANCE		
7831	N/A	75		