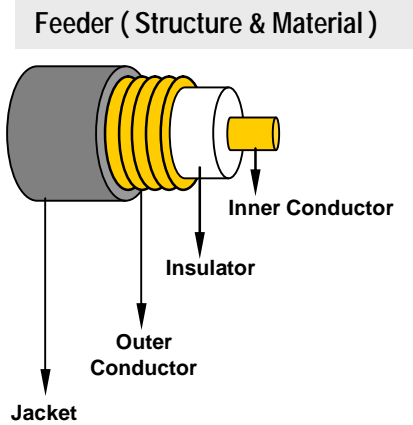


## RF COAXIAL CABLES



### Introduction

TVS provides RF transmission line products such as RF feeder cables, superflex cables, radiating cables, connectors and other accessories for wireless communication systems.

### Application

The inherent exploitation of the wireless spectrum requires RF signals to be distributed from the source to the equipment by the low loss cables.

The need for high performance interconnection has become a major issue, an apparent contradiction in terms, with the increase in wireless communication systems deployed, resulting in the need for more types of RF cables.

### Type of Cables (50 Ohms)

#### Foam Dielectric Feeder Cables

1/2" , 7/8" , 1-1/4" & 1-5/8"

#### Foam Dielectric Extra Flex Cables

7/8"

#### Foam Dielectric Super Flex Cables

3/8" , 1/2"

#### Foam Dielectric Radiating Cables

1/2" , 7/8" , 1-1/4" & 1-5/8"

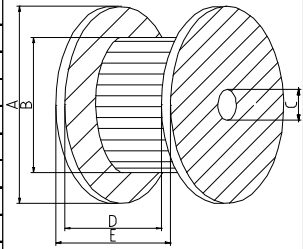
Inner Conductor	Copper Tube / Copper-Clad Aluminum
Insulator	Highly Foamed Polyethylene
Outer Conductor	Corrugated Copper Tube
Jacket	Black Polyethylene Flame-Retardant / Halogen-Free Polyethylene

RF COAXIAL CABLES

**Characteristics for FOAM DIELECTRIC FEEDER CABLES**

Cable description	Inner conductor	Outer Conductor	Jacket (Outer Sheath)	Outer Sheath	Attenuation(dB/100m) - MHz			
					Matl / Size	Matl / Size	Size	Matl
1/2" Feeder cable	Copper-clad aluminium wire ( 4.80 mm)	Ring Corrugated copper (13.80mm )	15.80mm	PE	6.87	7.28	10.10	10.70
1/2" Superflex cable	Copper-clad aluminium wire (3.60mm dia)	Helically Corrugated copper tube (12.20mm)	13.20mm	PE	11.20	11.80	16.60	17.60
7/8" Feeder cable	Smooth Copper tube(9.05mm)	Ring Corrugated copper (24.90mm )	27.50mm	PE	3.88	4.12	5.75	6.11
7/8" EXTRAFLEX cable	Smooth Copper tube(9.42mm)	Corrugated copper (24.90mm )	27.50mm	PE	4.22	4.46	6.21	6.59
1 1/4" Feeder cable	Smooth Copper Tube (13.10mm)	Corrugated copper (35.80mm )	39.40mm	PE	2.77	2.94	4.16	4.43
1 5/8" Feeder cable	Corrugated Copper Tube (17.30mm)	Corrugated copper (46.50mm )	50.00mm	PE	2.29	2.43	3.47	3.71

**STANDARD PACKING AND OTHER INFORMATION**

	1/2" Feeder	1/2" Superflex	7/8" Feeder	7/8" Ex.Flex	1-1/4" Feeder	1-5/8" Feeder
CABLE CROSS REFERENCE	TVS Part No. B12FN	TVS Part No. B12FSN	TVS Part No. B22FN	TVS Part No. B22FSN	TVS Part No. B33FN	TVS Part No. B42FN
<b>Standard Packing Drum (Wood) - mtrs</b>	500	500	500	500	250	250
<b>Standard Packing Drum Size- cm</b>						
	A 114.00	114.00	144.00	144.00	194.00	194.00
	B 70.00	70.00	80.00	80.00	130.00	130.00
	C 8.20	8.20	8.20	8.20	82.00	82.00
	D 48.00	48.00	67.00	67.00	99.00	99.00
	E 55.00	55.00	74.00	74.00	106.00	106.00