

Cable type
TCX12FLX

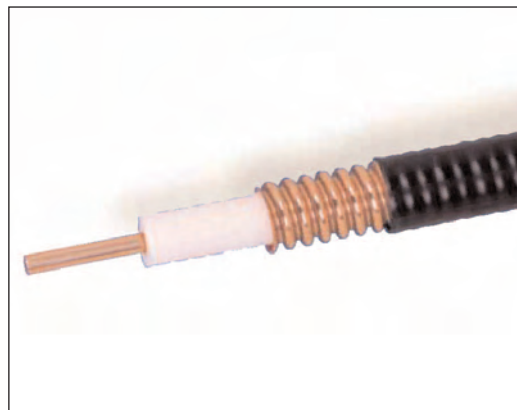
Cable size
1/2" Flexible

Typical attenuation and power at 20°C

MHz	Attenuation 100m	Average CW & DTV	Power	
			TV Pk Sync Black	TV Pk Sync average picture
10	0.960	9.90		
80	2.790	3.42	5.68	6.84
100	3.13	3.04	5.05	6.08
150	3.88	2.46	4.08	4.92
200	4.51	2.11	3.50	4.22
300	5.60	1.70	2.82	3.40
400	6.53	1.46	2.42	2.92
450	6.96	1.37	2.27	2.74
500	7.38	1.29	2.14	2.58
600	8.15	1.17	1.94	2.34
700	8.87	1.07	1.78	2.14
800	9.55	1.00	1.66	2.00
894	10.16	0.94	1.56	1.88
960	10.57	0.90		
1000	10.82	0.88		
1500	13.62	0.70		
1700	14.63	0.65		
1800	15.12	0.63		
2000	16.08	0.59		

Price £6.19
per m, moq 100m and additional multiples of 50m.
Available in any customized lengths check for pricing

TKF 652	7/8" connector to 7/8" cable	£20.00
TCX78GRND	7/8" grounding kit	£21.54



Specifications and prices are subject to change



LDF5-50A

7/8" Foam dielectric 50 Ohm



Price **£11.00**

per m, moq 100m and additional multiples of 50m.

Available in any customized lengths check for pricing

Cable type
LDF5-50A

Cable size
7/8"

Typical attenuation and power at 20°C

Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Average Power, kW
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0.5	0.025	0.081	91
1	0.035	0.115	78.6
1.5	0.043	0.141	64.1
2	0.05	0.163	55.5
10	0.112	0.366	24.6
20	0.159	0.521	17.3
30	0.195	0.641	14.1
50	0.254	0.833	10.8
88	0.34	1.12	8.08
100	0.364	1.19	7.56
108	0.378	1.24	7.26
150	0.449	1.47	6.12
174	0.486	1.59	5.66
200	0.523	1.72	5.26
300	0.649	2.13	4.24
400	0.758	2.49	3.63
450	0.808	2.65	3.41
500	0.855	2.81	3.22
512	0.866	2.84	3.17
600	0.945	3.1	2.91
700	1.03	3.37	2.67
800	1.11	3.63	2.48
824	1.13	3.69	2.44
894	1.18	3.87	2.34
960	1.23	4.02	2.24
1000	1.25	4.12	2.19
1250	1.42	4.67	1.93
1500	1.58	5.18	1.74
1700	1.7	5.56	1.62
1800	1.75	5.75	1.57
2000	1.86	6.11	1.48
2100	1.92	6.29	1.44
2200	1.97	6.46	1.4
2300	2.02	6.63	1.36
3000	2.37	7.76	1.16
3400	2.55	8.37	1.08
4000	2.81	9.23	0.978
5000	3.23	10.6	0.853

7/8" Standard Cable, Standard Jacket **LDF5-50A**

Characteristics

Electrical

Impedance, ohms	50 ± 1
Maximum Frequency, GHz	5.0
Velocity, percent	89
Peak Power Rating, kW	91
DC Resistance, ohms/1000 ft (1000 m)	
Inner	0.32 (1.05)
Outer	0.36 (1.18)
DC Breakdown, volts	6000
Jacket Spark, volts RMS	8000
Capacitance, pF/ft (m)	22.8 (75.0)
Inductance, μH/ft (m)	0.057 (0.187)

Mechanical

Outer Conductor	Copper
Inner Conductor	CopperTube
Diameter over Jacket, in (mm)	1.09 (28)
Diameter over Copper Outer Conductor, in (mm)	0.98 (24.9)
Diameter Inner Conductor, in (mm)	0.355(9.0)
Nominal Inside Transverse Dimensions, cm	2.11
Minimum Bending Radius, in (mm)	10 (250)
Number of Bends, minimum (typical)	15 (50)
Bending Moment, lb-ft (Nom)	12 (16.3)
Cable Weight, lb/ft (kg/m)	0.33 (0.49)
Tensile Strength, lb (kg)	325 (147)
Flat Plate Crush Strength, lb/in (kg/mm)	80 (1.4)

Specifications and prices are subject to change

Cable type

TCX78

Cable size

7/8"

Typical attenuation and power at 20°C

MHz	Attenuation 100m	Average CW & DTV	Power	
			TV Pk Sync Black	TV Pk Sync average picture
10	0.36	24.00		
80	1.10	9.11	15.12	18.22
100	1.20	8.12	13.48	16.24
150	1.45	6.57	10.91	13.14
200	1.72	5.65	9.38	11.30
300	2.13	4.56	7.57	9.12
400	2.49	3.92	6.51	7.84
450	2.80	3.68	6.11	7.36
500	3.10	3.47	5.76	6.94
600	3.20	3.15	5.23	6.30
700	3.37	2.89	4.80	5.78
800	3.53	2.69	4.47	5.38
894	3.75	2.53	4.20	5.06
960	3.90	2.43		
1000	4.11	2.38		
1500	5.10	1.90		
1700	5.55	1.77		
1800	5.74	1.71		
1880	5.74	1.67		
2000	6.10	1.61		
2200	6.45	1.54		



Accessories



TCX78GRND
7/8" grounding kit.

Price **£4.31** per m, moq 100m and additional multiples of 50m. Available in any customized lengths check for pricing

TKF 652	7/8" connector to 7/8" cable	£36.96
TKF650	7/16" connector to 7/8" cable	£29.34
TCX78GRND	7/8" grounding kit	£19.25
TKF 735BFHGR	7/8" Butterfly hanger	£21.03
TKF 735KFHGR1	Quickfit hanger for one 7/8" feeder, pk 100	£309.57
TKF 735KFHGR2	Quickfit hanger for two 7/8" feeder, pk 100	£468.30

Packs of 100 available in smaller quantities. check for pricing

Specifications and prices are subject to change



TKF652 7/8" Connector on 7/8 cable

TKF 735BFHGR



Butterfly hanger for 7/8" feeder

TKF 735KFHGR2



Illustrated is a hanger for two 7/8" feeders



TKF650 7/16" Connector for 7/8 cable

LDF7-50A

1 5/8" Foam dielectric 50 Ohm



Price **£26.00** per m, moq 100m and additional multiples of 50m.

Available in any customized lengths check for pricing

1-5/8" Standard Cable, Standard Jacket

LDF7-50A

Characteristics

Electrical

Impedance,	50Ω
Maximum Frequency, GHz	2.5
Velocity, percent	88
Peak Power Rating,	kW
DC Resistance, Ω/1000 ft (1000 m)	
Inner	0.25 (0.83)
Outer	0.16 (0.52)
DC Breakdown, volts	11000
Jacket Spark, volts RMS	10000
Capacitance, pF/ft (m)	23.1 (75.8)
Inductance, μH/ft (m)	0.058 (0.190)

Mechanical

Outer Conductor	Copper
Inner Conductor	Copper Tube
Diameter over Jacket, in (mm)	1.98 (50)
Diameter over Copper	
Outer Conductor, in (mm)	1.825 (46.3)
Diameter Inner Conductor, in (mm)	0.681 (17.3)
Nominal Inside Transverse Dimensions, cm	4.05
Minimum Bending Radius, in (mm)	20 (510)
Number of Bends, minimum (typical)	15 (50)
Bending Moment, lb-ft (Nom)	40 (54.2)
Cable Weight, lb/ft (kg/m)	0.82 (1.2)
Tensile Strength, lb (kg)	800 (363)
Flat Plate Crush Strength, lb/in (kg/mm)	120 (2.1)

LDF7-50A

1 5/8"

Typical attenuation and power at 20°C

Frequency MHz Attenuation dB/100 ft Attenuation dB/100 m Average Power, kW

Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Average Power, kW
0.5	0.014	0.044	247
1	0.019	0.063	175
1.5	0.024	0.077	142
2	0.027	0.089	123
10	0.062	0.202	54.3
20	0.088	0.289	38.1
30	0.109	0.356	30.9
50	0.142	0.465	23.6
88	0.191	0.627	17.5
100	0.205	0.671	16.4
108	0.213	0.699	15.7
150	0.254	0.834	13.2
174	0.276	0.904	12.2
200	0.297	0.976	11.3
300	0.372	1.22	9.01
400	0.437	1.43	7.67
450	0.467	1.53	7.18
500	0.496	1.63	6.76
512	0.503	1.65	6.67
600	0.55	1.81	6.09
700	0.602	1.97	5.57
800	0.65	2.13	5.15
824	0.662	2.17	5.06
894	0.694	2.28	4.83
960	0.724	2.38	4.63
1000	0.742	2.43	4.52
1250	0.848	2.78	3.95
1500	0.947	3.11	3.54
1700	1.02	3.35	3.28
2000	1.13	3.71	2.96
2300	1.23	4.05	2.72
2500	1.3	4.27	2.58

Specifications and prices are subject to change

Cable type

TCX158

Cable size

1 5/8"

Typical attenuation and power at 20°C

MHz	Attenuation 100m	Average CW & DTV	Power	
			TV Pk Sync Black	TV Pk Sync average
30	0.36	29.60		
80	0.59	17.70	29.38	35.40
100	0.67	15.90	26.39	31.80
150	0.82	12.86	21.35	25.72
200	0.99	11.10	18.43	22.20
300	1.24	9.00	14.94	18.00
400	1.46	7.43	12.33	14.86
450	1.56	6.96	11.55	13.92
500	1.65	6.43	10.67	12.86
600	1.83	5.83	9.68	11.66
700	2.09	5.35	8.88	10.70
800	2.26	5.01	8.32	10.02
894	2.39	4.55	7.55	9.10
960	2.53	4.45		
1000	2.60	4.24		
1500	3.38	3.22		
1700	3.59	3.06		
1800	3.72	2.96		
1880	3.82	2.88		
2000	3.99	2.73		
2200	4.20	2.58		

Price per m, moq 100m and additional multiples of 50m

£12.80

Available in any customized lengths check for pricing

TKF 745	1 5/8" connector to 1 5/8" cable	£156.00
TCX158GRND	1 5/8" grounding kit	£18.77
TKF702	7/8" connector to 1 5/8" cable	£102.21
TKF 745BFHGR	1 5/8" Butterfly hanger	£20.50
TKF 745KFHGR1	Quickfit hanger for one 1 5/8" feeder, pk 100	£301.84
TKF 745KFHGR2	Quickfit hanger for two 1 5/8" feeder, pk 100	£456.60

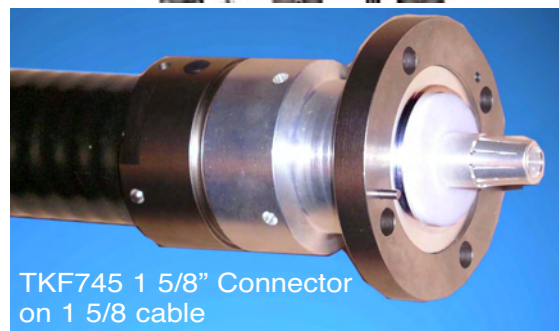
Packs of 100 available in smaller quantities .check for pricing



Accessories



TCX158GRND
1 5/8" grounding kit.



TKF745 1 5/8" Connector
on 1 5/8" cable

TKF 745BFHGR



TKF 745KFHGR2



Illustrated is a hanger for two feeders



TKF702 7/16" Connector
for 1 5/8" cable

Cable type
TCX214

Cable size
2 1/4"

Typical attenuation and power at 20°C

MHz	Attenuation 100m	Power		
		Average CW & DTW	TV Pk Sync Black	TV Pk Sync average picture
30	0.30	39.80		
80	0.39	30.40	50.46	60.80
100	0.53	22.50	37.35	45.00
150	0.57	21.00	34.86	42.00
200	0.71	16.80	27.89	33.60
300	0.83	14.40	23.90	28.80
400	1.04	11.40	18.92	22.80
450	1.23	9.70	16.10	19.40
500	1.31	9.06	15.04	18.12
600	1.40	8.52	14.14	17.04
700	1.55	7.66	12.72	15.32
800	1.70	6.99	11.60	13.98
894	1.84	6.45	10.71	12.90
960	1.97	6.03		
1000	2.06	5.78		
1500	2.11	5.64		
1700	2.72	4.38		
1800	2.94	4.05		
1880	3.05	3.91		
2000	3.26	3.65		
2200	3.47	3.43		

Price per m, moq 100m and additional multiples of 50m

£41.13

Available in any customized lengths check for pricing

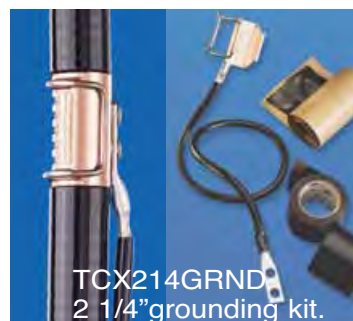
TKF 755	2 1/4" Connector to 3 1/4" IEA flange	£302.56
TCX214GRND	2 1/4" grounding kit	£14.87
TKF 7557/16M	2 1/4" to 7/16 male connector	£155.22
TKF 755N	2 1/4" to N connector	£160.35
TKF 755BFHGR	2 1/4" Butterfly hanger	£21.03
TKF 755KFHGR1	Quickfit hanger for one 2 1/4" feeder, pk 100	£405.13
TKF 755KFHGR2	Quickfit hanger for two 2 1/4" feeder, pk 100	£656.41

Packs of 100 available in smaller quantities. check for pricing

Specifications and prices are subject to change



Accessories



TCX214GRND
2 1/4" grounding kit.



TKF 755N
2 1/4" to N con-
nector



TKF 755 2 1/4"
to 3 1/8" con-
nector



TKF 7557/16M
2 1/4" to 7/16 male

TKF 755BFHGR

TKF 755KFHGR2



Illustrated is a
hanger for two
feeders