

Waveguide Cable Products

Microwave Antenna Systems



Elliptical Waveguide

COMMSCOPE MODEL #	DESCRIPTION
EW52	EW52, HELIAX® Standard Elliptical Waveguide, 5.6–6.425 GHz, black PE jacket
EW63	EW63, HELIAX® Standard Elliptical Waveguide, 5.925–7.125 GHz, black PE jacket
EW64	EW64, HELIAX® Standard Elliptical Waveguide, 6.425–7.75 GHz, black PE jacket
EW90	EW90, HELIAX® Standard Elliptical Waveguide, 10.2–11.7 GHz, black PE jacket
EW180	EW180, HELIAX® Standard Elliptical Waveguide, 17.3–19.7 GHz, black PE jacket
EW220	EW220, HELIAX® Standard Elliptical Waveguide, 21.2–23.6 GHz, black PE jacket
EWP52-50	EWP52, HELIAX® Premium Elliptical Waveguide, 5.0–5.85 GHz, black PE jacket
EWP52-56	EWP52, HELIAX® Premium Elliptical Waveguide, 5.6–6.2 GHz, black PE jacket
EWP52-58	EWP52, HELIAX® Premium Elliptical Waveguide, 5.725–6.425 GHz, black PE jacket
EWP52-59	EWP52, HELIAX® Premium Elliptical Waveguide, 5.925–6.425 GHz, black PE jacket
EWP63-59	EWP63, HELIAX® Premium Elliptical Waveguide, 5.925–6.575 GHz, black PE jacket
EWP63-59VV	EWP63, HELIAX® Premium Elliptical Waveguide, 5.8–7.125 GHz, black PE jacket
EWP63-65	EWP63, HELIAX® Premium Elliptical Waveguide, 6.425–7.125 GHz, black PE jacket
EWP90-105	EWP90, HELIAX® Premium Elliptical Waveguide, 10.2–10.7 GHz, black PE jacket
EWP90-105VV	EWP90, HELIAX® Premium Elliptical Waveguide, 10.5–11.7 GHz, black PE jacket
EWP90-107	EWP90, HELIAX® Premium Elliptical Waveguide, 10.7–11.7 GHz, black PE jacket
EWP180-180	EWP180, HELIAX® Premium Elliptical Waveguide, 17.7–19.7 GHz, black PE jacket

Connectors and Accessories

COMMSCOPE MODEL #	DESCRIPTION
EWFTK-52	EW52 FLARE TOOL KIT
1220ASC	Fixed-tuned UG-595/U for elliptical waveguide 220
1220ASCM	Fixed-tuned PBR220 for elliptical waveguide 220
163SE	Fixed-tuned CPR137G for elliptical waveguide 63
190SE	Fixed-tuned CPR90G for elliptical waveguide 90
190SEM	Fixed-tuned PDR100 for elliptical waveguide 90
252SE	Fixed-tuned CPR137G for elliptical waveguide 52
252SEM	Fixed-tuned PDR70 for elliptical waveguide 52
152DZ	Splice for elliptical waveguide 52
152SE	Fixed-tuned CPR159G for elliptical waveguide 52
1180SC	Fixed-tuned UG-595/U for elliptical waveguide 180
1180SCM	Fixed-tuned PBR220 for elliptical waveguide 180
45594-152B	Hardware Kit for 152 or 252 Connectors
45594-163B	Hardware Kit for 163 Connectors
55072-137	CPR137 FLANGE GASKET (HALF)
55072-159	GASKET
55072-90	GASKET
55674-137	WR137 PRESSURE INLET
31861	FLANGE GASKET (CPR 90)

Waveguide Cable Products Connectors and Accessories (con't)

COMMSCOPE MODEL #	DESCRIPTION
H090MC09-1C091-SG	90° H Plane Swept Bend for WR90, 8.2–12.4 GHz, with interface types CPR90G and CPR90G, 91 mm x 91 mm, gray
E137MC10-2C102-AN	90° E Plane Swept Bend for WR137, 5.85–6.425 GHz, with interface types CPR137G and CPR137G, 102 mm x 102 mm, unpainted
R090MB01-02CSG	WR90 STRAIGHT SECTION UG-39/U / CPR90G
R090MC01-02KSG	WR90 STRAIGHT SECTION CPR90G/PBR100
R137MC01-52CSN	WR137 STRAIGHT SECTION, CPR137G-CPR137G
R137MC02-79CSN	WR137 STRAIGHT SECTION CPR137G/CPR137G
R137MC03-30CSN	WR137 STRAIGHT SECTION CPR137G/CPR137G
R137MC03-56CSN	WR137 STRAIGHT SECTION CPR137G-CPR137G
R137MC04-06CSN	WR137 STRAIGHT SECTION CPR137G-CPR137G
R137MC09-14CSN	WR137 STRAIGHT SECTION CPR137G/CPR137G
R137MD01-52DSN	WR137 STRAIGHT SECTION CPR137G/CPR137G
33544-33	REATTACHMENT KIT, FOR EW63 CONNECTORS
33544-37	CONN REATTACHMENT KIT
33544-38	CONNECTOR REATTACHMENT KIT
33544-42	REATTACHMENT KIT FOR EW180 CONNECTORS
C137CNAG	ADAPTER, N-FEMALE TO CPR
C137CNGG	WAVEGUIDE TO COAX TRANSITION
C137DN DG	WR137 WAVEGUIDE TO COAX TRANSITION
C159CNAG	WR159 WAVEGUIDE TO COAX TRANSITION
C159CNSG	WR159 WAVEGUIDE TO COAX TRANSITION CPR159G TO TYPE-N
55219-13Z	HARDWARE KIT (CPR137G)
55219-90	FLANGE HARDWARE KIT
55224-42	HARDWARE KIT (CPR180)
55224-90	HARDWARE KIT (WR90)
39098-137	COVER & GASKET FOR 629
39098-42	TERMINATION LOAD
39099-137	LOAD TERMINATION
163DZ	CONNECTOR, SPLICE FOR EW63
164SE	EW64-CPR137G STEP-TUNED CONNECTOR
H137MC10-2C102-AN	WR137 H-BEND 90°
H137MC10-2C102-SG	WR137 90DEGREE H-BEND CPR137G/CPR137G
H137MC10-2C102-SN	WR137 H-BEND 90°
D090CCBN	90° Rigid Twist for WR90, 10.7–11.7 GHz, with interface types CPR90G and CPR90G, 8 in, unpainted
D090CCSN	90° Rigid Twist for WR90, 8.2–12.4 GHz, with interface types CPR90G and CPR90G, 8 in, unpainted
D137CCAG	90° Rigid Twist for WR137, 5.85–6.425 GHz, with interface types CPR137G and CPR137G, 12 in, gray
D137CCAN	90° Rigid Twist for WR137, 5.85–6.425 GHz, with interface types CPR137G and CPR137G, 12 in, unpainted
D137CCBG	90° Rigid Twist for WR137, 6.425–7.125 GHz, with interface types CPR137G and CPR137G, 12 in, gray
D137CCSG	90° Rigid Twist for WR137, 5.85–8.2 GHz, with interface types CPR137G and CPR137G, 12 in, gray
C090CNBG	WR90 WAVEGUIDE TO COAX TRANSITION
C090CNSG	WR90 WAVEGUIDE TO COAX TRANSITION
55000A-13Z	Pressure Window for WR137, 5.85–8.2 GHz, mates to UG-343B/U
55000A-42	Pressure Window for WR42, 17.7–26.5 GHz, mates to UG-596A/U
55000A-90	Pressure Window for WR90, 8.2–12.4 GHz, mates to UG-40B/U
55001-13Z	Pressure Window for WR137, 5.85–8.2 GHz, mates to CPR137G
55001-15Z	Pressure Window for WR159, 4.9–7.05 GHz, mates to CPR159G

Flex Twist Assemblies

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Flex Twist Assemblies

COMMSCOPE MODEL #	DESCRIPTION
F137ACS3	WR137 FLEX TWIST,900 MM,UG-343B/CPR137G
F137CCA1	WR137 FLEX TWIST,300 MM, CPR137G/CPR137G
F137CCA2	WR137 FLEX TWIST, 600MM, CPR137G/CPR137G
F137CCA3	WR137 FLEX TWIST,900 MM, CPR137G/CPR137G
F137CCA5	WAVEGUIDE FLEXTWIST CPR-137G 5.85-6.425GHz, 4' long
F137CCB2	WAVEGUIDE,FLEXTWIST,2',6.425-7
F137CCB3	WR137 FLEX TWIST, 900 MM
F137CCB5	WAVEGUIDE FLEXTWIST CPR-137G FLANGE 4' LONG
F137CCD2	KIT, ASSEMBLY 2FT FLEXTWIST WA
F137CCS1	WR137 FLEX TWIST 300MM
F137CCS2	WR137 FLEX TWIST 600MM
F137CCS3	WR137 FLEXIBLE TWIST
F137CCS5	WR137 FLEX TWIST 1200 MM CPR137G/CPR137G
F137CEB2	WR137 FLEX TWIST, 600 MM, CPR137G/CMR137
F137FFS2	WR137 FLEX TWIST,600 MM,CMR137/CMR137
F042ABS2	WR42 FLEX TWIST, 600MM, UG-596A,U/UG-595-U
F042ABS3	TWISTFLEX, 3 FEET
F042MMS3	WR42 FLEX TWIST,900MM,UBR220/UBR220
F090CCA2	WR90 FLEX TWIST 600 MM CPR90G/CPR90G
F090CCA3	STEP TWIST, 3" 180 DEG ANDREW, CPR 190 10.2-11.7
F090CCB2	WR90 FLEX TWIST 600MM CPR90G/CPR90G
F090CCB3	WAVEGUIDE FLEX TWIST CPR-90G FLANGE 36" LONG
F090CCB5	FLEXTWIST, 10.7- 11.7GHz, 1200MM, CPR-90G FLANGE
F090CCS1	WR90 FLEX TWIST 300MM CPR90F/CPR90G
F090CCS2	WAVEGUIDE CABLE 5.925-7.125GHz
F090CCS3	WR90 FLEX TWIST, 900MM CPR90G/CPR90G
F090CCS5	WR90 FLEX TWIST, 1200MM
F090CKA2	FLEXTWIST FLANGE
F090HHB3	WR90 FLEX TWIST, 900 MM,
F090HKS3	WR90 FLEX TWIST 900 MM PDR100/PBR100
F090PC0240CS	FLEX-TWIST WR 90 24" CPR90G
F159CCA3	EWP52 FLEX TWIST - 3 FEET
F159CCS5	WR159 FLEX TWIST 1200 MM

Installation Accessories

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Hangers/Angle Adapters

COMMSCOPE MODEL #	DESCRIPTION
EWSH-127A	Universal Snap-in Hanger for elliptical waveguide 127A
EWSH-180	Universal Snap-in Hanger for elliptical waveguide 180
EWSH-220	Universal Snap-in Hanger for elliptical waveguide 220
EWSH-63	Universal Snap-in Hanger for elliptical waveguide 63
EWSH-90	Universal Snap-in Hanger for elliptical waveguide 90
243684	Angle Adapter, compact 3/8 in tapped hole

Pressurization Products



Dehydrators

COMMSCOPE MODEL #	DESCRIPTION
40525B	Low-pressure Desiccant Dehydrator, 3.0–8.0 psig, 120 Vac, 60 Hz
MRO50-8 103Z	High-pressure Desiccant Dehydrator, 19 in rack mountable, 3.0–5.0 psig, 10–72 Vdc
MRO50-8 1045	High-pressure Desiccant Dehydrator, 19 in rack mountable, 3.0–5.0 psig, 115 Vac, 50/60 Hz

Accessories

COMMSCOPE MODEL #	DESCRIPTION
25436-20	MALE CONN, 1/8 NPT TO 1/4 POLYTUBE
25436-50-10	Comp Sleeve, for 3/8" Polytube, bag of 10
25436-52	Hex Pipe Nipple, 1/4" NPT threads, male
52665-3	Desiccant Replacement, 1.5 lb
3017	Gas Inlet Valve, male, 1/8" NPT
3017-2	Gas Inlet Valve, male, 1/4" NPT
3028-2	Pipe Tee, female, 1/4" NPT
EFTGP-24322	FITTING, STREET ELBOW, 1/8 NPT(M-F)
EFTGP-25522	STREET TEE, 1/8 NPT(M-F-F) (same as 3022)
6600D-2	2-port Distribution Manifold, wall mountable, 0–15.0 psig, 25 ft of tubing per port
6600D-4	4-port Distribution Manifold, wall mountable, 0–15.0 psig, 25 ft of tubing per port
6600D-6	6-port Distribution Manifold, wall mountable, 0–15.0 psig, 25 ft of tubing per port
AE01K-D0840-050	Polyethylene Tube, black, 3/8 in OD x 1/16 in wall x 50 ft (15.24 m) roll
AE01K-D0840-500	Polyethylene Tube, black, 3/8 in OD x 1/16 in wall x 500 ft (152.4 m) roll