

High-frequency applications on the X, Ku and K bands need cables with outstanding signal integrity and low insertion loss. Our 50 Ohm microwave cable assemblies are designed specifically for this purpose. These cables are designed to optimize performance and give system designers flexibility. Our products give you superior signal integrity, low insertion loss, less RF interference, and a robust yet easy-to-install design.

## APPLICATIONS:

- Navigation/communication systems
- Electronic warfare (EW) systems
- Electronic Surveillance
- Countermeasures/Jamming
- Radar warning receiver (RWR) systems
- Electronic/signal intelligence
- C5ISR (Command, Control, Computers, Communications, Cyber, Intelligence, Surveillance, and Reconnaissance)

## PHYSICAL & ELECTRICAL DATA

*All values nominal, unless otherwise noted*

PART #	DATA CONDUCTOR	MAX FREQUENCY	WEIGHT LBS/100 FT (KG/100 M)	O.D. IN (MM)	BEND RADIUS IN (MM)	V.O.P. %	SHIELDING EFFECTIVENESS (dB min)	JACKET
HH85295F	11 AWG Solid SPC	18 GHz	7.9 (11.8)	0.291 (7.39)	1.5 (38.1)	83	-110	Extruded FEP, Olive Drab
HT77300F	12 AWG Solid SPC	18 GHz	8.8 (13.1)	0.300 (7.62)	1.5 (38.1)	77	-90	Extruded FEP, Olive Drab
HT77210F	16 AWG Solid SPC	26 GHz	4.5 (6.7)	0.208 (5.28)	1 (25.4)	76.5	-90	Extruded FEP, Olive Drab

Materials Key: SPC – Silver-Plated Copper



HIGH FREQUENCY CABLE SOLUTIONS