

PIC RF MATES® ULTRALITE



COMPARE PIC CABLES TO RG CABLES

**80% LIGHTER
SAVE 14LBS/100FT**

RG393



PIC UH67163



- REDUCED OPERATING COST
- INCREASED PAYLOAD CAPACITY
- LOWER LOSS-HIGHER EMI IMMUNITY
- SMALLER BEND RADIUS

ULTRALITE 50 OHM RF CABLE SOLUTIONS

NEXT GENERATION **LITEWEIGHT** RF COAXIAL CABLES COMPARE CABLE LOSS AND WEIGHT SAVINGS

Physical and Electrical Data

All values nominal unless otherwise noted

Coaxial Cable	Conductor	Loss @ 1.0 GHz dB/100 ft (dB/100 m)	Weight lbs/100 ft (kg/100 m)	Bend Radius in (mm)	Cable O.D. in (mm)	Temperature Range (°C)	Shielding Effectiveness (dB)
UH25107	8 AWG Solid SPCCA	2.8 (9.2)	12.0 (17.9)	2.50 (63.5)	0.44 (11.30)	-65/+150	-110
UH22089	10 AWG Solid SPCCA	3.5 (11.5)	7.2 (10.7)	1.70 (43.18)	0.34 (8.76)	-65/+150	-110
UH67163	14 AWG Solid SPCCA	6.2 (20.3)	3.4 (5.1)	1.20 (30.48)	0.22 (5.76)	-65/+150	-110
UH44193	19 AWG Solid SPCCS	10.4 (34.1)	1.9 (2.9)	0.80 (20.32)	0.15 (3.86)	-65/+150	-110
RG211	4 AWG Solid BC	4.5 (14.8)	64.1 (95.4)	3.6 (91.44)	0.73 (18.54)	-55/+250	-50
RG393	12 AWG Stranded SPC	7.7 (25.2)	17.5 (26.4)	1.95 (49.53)	0.39 (9.90)	-55/+200	-75
RG142	19 AWG Solid SPCCS	13.4 (44.0)	4.3 (6.4)	1.00 (25.40)	0.19 (4.95)	-55/+200	-75

Materials Key: BC – Bare Copper; SPC – Silver-Plated Copper; SPCCS – Silver-Plated Copper Clad Steel; SPCCA – Silver-Plated Copper Clad Aluminum