



**THE DATASHEET OF
ASC0102NN**



Economy Antenna Cables



- Standard lengths 3, 10, 20, 30 and 75 feet
- Straight SMA and reverse SMA to N
- N to N
- 100% tested at 900 MHz and 2.4 GHz for reflections and loss

Cable Configurations:

Part Number	Length	Connectors	Loss at 900 MHz	Loss at 2.4 GHz
ASC0032NN	3 feet (0.91meters)	N male to N male	0.4 dB	0.6 dB
ASC0032RF	3 feet (0.91meters)	Reverse SMA male to N female	0.4 dB	0.6 dB
ASC0032RN	3 feet (0.91meters)	Reverse SMA male to N male	0.4 dB	0.6 dB
ASC0032SF	3 feet (0.91meters)	Straight SMA male to N female	0.4 dB	0.6 dB
ASC0032SN	3 feet (0.91meters)	Straight SMA male to N male	0.4 dB	0.6 dB
ASC0102NN	10 feet (3 meters)	N male to N male	1.0 dB	1.5 dB
ASC0102RN	10 feet (3 meters)	Reverse SMA male to N male	1.0 dB	1.5 dB
ASC0102SN	10 feet (3 meters)	Straight SMA male to N male	1.0 dB	1.5 dB
ASC0202NN	20 feet (6.1meters)	N male to N male	1.7 dB	2.8 dB
ASC0202RN	20 feet (6.1meters)	Reverse SMA male to N male	1.7 dB	2.8 dB
ASC0202SN	20 feet (6.1meters)	Straight SMA male to N male	1.7 dB	2.8 dB
ASC0302NN	30 feet (9.1meters)	N male to N male	2.5 dB	4.0 dB
ASC0302RN	30 feet (9.1meters)	Reverse SMA male to N male	2.5 dB	4.0 dB
ASC0302SN	30 feet (9.1meters)	Straight SMA male to N male	2.5 dB	4.0 dB
ASC0752SN	75 feet (22.9 meters)	Straight SMA male to N male	5.9 dB	9.9 dB

Custom cable lengths available on request. Contact factory for price and availability.



FreeWave Technologies, 1880 S. Flatiron Ct., Boulder, CO 80301
Phone: (303) 444-3862, Fax: (303) 786-9948, www.freewave.com

Low Loss Antenna Cables



- Standard lengths 25, 50, 75, 100, 150 and 200 feet
- Straight SMA and reverse SMA to N
- N to N
- 100% tested at 900 MHz and 2.4 GHz for reflections and loss

Cable Configurations:

Part Number	Length	Connectors	Loss at 900 MHz	Loss at 2.4 GHz
ASC0254NN	25 feet (7.62 meters)	N male to N male	1.2 dB	1.8 dB
ASC0254RN	25 feet (7.62 meters)	Reverse SMA male to N male	1.2 dB	1.8 dB
ASC0254SN	25 feet (7.62 meters)	Straight SMA male to N male	1.2 dB	1.8 dB
ASC0504NN	50 feet (15.2 meters)	N male to N male	2.2 dB	3.6 dB
ASC0504RN	50 feet (15.2 meters)	Reverse SMA male to N male	2.2 dB	3.6 dB
ASC0504SN	50 feet (15.2 meters)	Straight SMA male to N male	2.2 dB	3.6 dB
ASC0754NN	75 feet (22.9 meters)	N male to N male	3.1 dB	5.3 dB
ASC0754RN	75 feet (22.9 meters)	Reverse SMA male to N male	3.1 dB	5.3 dB
ASC0754SN	75 feet (22.9 meters)	Straight SMA male to N male	3.1 dB	5.3 dB
ASC1004NN	100 feet (30.5 meters)	N male to N male	4.1 dB	7.0 dB
ASC1004RN	100 feet (30.5 meters)	Reverse SMA male to N male	4.1 dB	7.0 dB
ASC1004SN	100 feet (30.5 meters)	Straight SMA male to N male	4.1 dB	7.0 dB
ASC1504NN	150 feet (45.7 meters)	N male to N male	6.1 dB	10.4 dB
ASC1504RN	150 feet (45.7 meters)	Reverse SMA male to N male	6.1 dB	10.4 dB
ASC1504SN	150 feet (45.7 meters)	Straight SMA male to N male	6.1 dB	10.4 dB
ASC2004NN	200 feet (61 meters)	N male to N male	8.0 dB	13.8 dB
ASC2004RN	200 feet (61 meters)	Reverse SMA male to N male	8.0 dB	13.8 dB
ASC2004SN	200 feet (61 meters)	Straight SMA male to N male	8.0 dB	13.8 dB

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