

Right Angle SMA Low Loss Diameter .195, .200 and .240

1. Identify connector parts. (3 piece parts)
2. Strip cable to dimensions shown. Do not nick braid, foil or center conductor. Cut foil flush with dielectric, do not remove foil. Make sure that dielectric is clean and free from all particles. Tin center conductor, keeping solder amount to a minimum. Slide crimp sleeve onto jacket of cable.
3. Flare braid and slide body assembly over foil and dielectric, then under braid. Make sure cable center conductor is contained within connector contact, but do not allow foil and dielectric to enter body access port. Solder center conductor to contact through the rear access port. Use a minimum amount of solder for a full fillet joint. .020 (0.51) Diameter solder is recommended.
4. Arrange braid uniformly around crimp stem. Slide crimp sleeve forward and crimp using Johnson hand crimp tool 141-0000-913 and recommended crimp die hex. Place expansion cap in access port and seat with recommended Diameter flat punch.

Low Loss Diameter	"A"	Crimp Die Hex	Flat Punch Diameter
0.195	.110 (2.79)	.213 (5.41) hex	.187 (4.75)
0.200	.110 (2.79)	.213 (5.41) hex	.187 (4.75)
0.240	.135 (3.43)	.255 (6.48) hex	.242 (6.15)

Cable Group	Part No.	Crimp Hex
LMR-195	142-0407-101	.213 (5.41)
	142-0407-106	.213 (5.41)
LMR-200	142-4439-101	.213 (5.41)
	142-4439-106	.213 (5.41)
LMR-240	142-0435-101	.255 (6.48)
	142-0435-106	.255 (6.48)
LMR-195	142-5407-101	.213 (5.41)
	142-5407-106	.213 (5.41)
LMR-200	142-0439-101	.213 (5.41)
	142-0439-106	.213 (5.41)
LMR-240	142-5435-101	.255 (6.48)
	142-5435-106	.255 (6.48)
LMR-195	142-4407-101	.213 (5.41)
	142-4407-106	.213 (5.41)
LMR-200	142-5439-101	.213 (5.41)
	142-5439-106	.213 (5.41)
LMR-240	142-4435-101	.255 (6.48)
	142-4435-106	.255 (6.48)

