

Antenna specifications (Lower 6 GHz)

Motorola can supply the antennas listed in [Table 4-13](#) and [Table 4-14](#) for PTP 800 links that will operate in the Lower 6 GHz band (frequency range 5.925 - 6.425 GHz).

Table 4-13 Antenna specifications for Lower 6 GHz – single polarization

Motorola number	Diameter	Interface	Mid-band gain	Vertical beamwidth	Weight
85010089020	1.2 m (4 ft)	Motorola direct mount	35 dBi	2.2°	55 kg
85010089021	1.8 m (6 ft)	Motorola direct mount	39 dBi	1.8°	62 kg
85010091006	1.2 m (4 ft)	PDR70	35 dBi	2.2°	55 kg
85010091007	1.8 m (6 ft)	PDR70	39 dBi	1.8°	62 kg
85009294001	1.8 m (6 ft)	CPR137G	38.2 dBi	1.9°	78 kg
85009294002	2.4 m (8 ft)	CPR137G	40.8 dBi	1.4°	114 kg
85009294003	3 m (10 ft)	CPR137G	43.4 dBi	1.1°	144 kg
85009294004	3.7 m (12 ft)	CPR137G	44.9 dBi	0.9°	245 kg

Table 4-14 Antenna specifications for Lower 6 GHz – dual polarization

Motorola number	Diameter	Interface	Mid-band gain	Vertical beamwidth	Weight
85010092020	1.2 m (4 ft)	PDR70	35 dBi	2.2°	55 kg

Accessory	Detail	Motorola part number
10' parabolic radome for PAR10 antenna		85009295001
12' parabolic radome for PAR12 antenna		85009295002