

### Guying

Will-Burt pneumatic telescoping masts higher than 24m must be guyed, and the guying kit is included with the masts.

The microwave link support kit also includes its guying kit.

Masts 7-30/203, 7-42/203, and 10-60/203 (8.9, 12.6 and 18.3m) can be guyed (for cellular applications they generally are), and the guying kit has to be ordered separately.

Mast (RF COM PN/ Will-Burt PN)	Optional guying kit RF COM PN
11546 / 7-30/203	11619
11547 / 7-42/203	13636
11586 / 10-60/203	11583

#### Guy anchoring stake

Material	Galvanized steel	
Length	mm	790
Weight	kg	3.5
Part#	15520	



### Suportes para Instalação de Equipamentos em Mastros



Suporte para antenas painel setorizadas



Suporte ("cabide") para AccuPoint/Antena de microondas, DTEC e antena "pizza"

Suporte ("cabide") para AccuPoint/Antena de microondas, antena "pizza" e rádio,



A RF COM projeta e fabrica os suportes sob medida para a sua aplicação. Consulte-nos

### High Voltage/Obstruction/Tilt Alarm and Interlock system for mast operation



Part # 35617

The D-TEC II system provides a safe equipment operation, by using a multi-function sensor, which installed on the top of the mast.

- Ultrasonic proximity sensor: Detects obstructions above or next to the mast (approximately 3 meters)
- Electric/Magnetic field sensor: Detects proximity of electric cables, transformers or other power supplies (approximately 3 meters, depending on the intensity of the fields)
- Inclination sensor: Detects diversion of 10 degrees vertically for the mast operation.

If any of the conditions are detected while the mast is being expanded, the system reverts its movement, and it starts to retract (until the operator releases the command to expand, so it stops). The sensor modules has illumination, which is automatically activated when there is no environment light, to permit safe visual monitoring of the mast.

The obstruction alarms, magnetic field and electric field (if under 6.2kV/m) can be individually ignored, but this requires two operators. A warning recording constantly warns when the mast is operated in this condition.

### Lubricating Oil

Special for pneumatic telescoping mast lubrication, guaranteeing higher durability and making its use even easier.

Model	900600
Mfg	Will-Burt
Volume	ml 475
Part#	17072



### NYCOIL spiral conduit

The conduit length should be 2 times the difference between the extended and retracted lengths of the mast.

Example: For the 6-25/202 mast, 12 meters of conduit are necessary. Can't be used with guyed masts.



Weatherproof elbow for Nycoil

Conduit int diameter	in	0,5 *	0,75	1	1	1,25
Conduit ext diameter	in	0,623	0,873	1,197	1,197	1,55
Coil ext diam	mm(in)	203(8)	330(13)	394(16,5)	394(16,5)	546(21,5)
Length	m	30	30	30	24	30
Conduit PN		12223	11008	12224	15751	27828
Elbow PN		15956	15953	15738	15738	27829

\*Only used for standard duty masts

