



TWO-STACK HARNESSES

- ☑ These harnesses are used to couple two antennas together so they are fed in phase keeping a low SWR and minimum insertion loss.
- ☑ Higher gain or a special shape radiation pattern is achieved.
- ☑ When the number of antennas in a collinear array is doubled, the gain increases by about three decibel (3 dB).
- ☑ The branches of the harness are impedance transforming sections and must not be shortened.
- ☑ Extra jumper cable sections may be necessary to reach each antenna. Such sections must be made exactly equal length so that the antennas are fed in phase.
- ☑ The branches are terminated with type N-female connectors and the feeder end with type N-female connector.
- ☑ The harnesses are fully waterproof.



ELECTRICAL DATA	MT2/420	MT2/460
Frequency	400—430 MHz	440—470 MHz
Impedance	Nom. 50 Ω (all terminals)	
SWR	$\leq 1,3$ within the band (branches terminated with 50 Ω)	
Fundamental branching loss	3 dB	
Additional insertion loss	0,25 dB (per branch)	
Max. power	100 W on feeder terminal	

MECHANICAL DATA	
Temp. Range	-25°C to + 60°C
Antenna Terminations	N female
Feeder Termination	N male
Waterproofness	All cable junctions sealed.
Packed Weight	0,8 kg
Volume	33 x 32 x 6 cm