



VISION® Datasheet

EV5-1MT IRS System Tap (125075)

The EV5-1MT IRS system tap is designed to make planning and balancing systems easier. The tap has two attenuator switches, one for satellite and the other for terrestrial services.

The satellite attenuator enables all four polarities to be attenuated simultaneously by fixed value, 10, 15 or 20dB. Terrestrial signals are independently switched 10, 15 or 20dB.

The tap has bi-directional power pass on all trunk lines with the capability of carrying 2A over the combined horizontal trunks.

- Satellite switched attenuation 10/15/20dB All polarities
- Terrestrial switch attenuation 10/15/20dB
- Bi-directional power pass on all trunks
- Trunk Line power indicator
- Combined current capability maximum 2.0A over horizontal trunk lines
- Fully screened housing to reject interference



Model	EV5-1MT (125075)
Frequency Range SAT	950MHz – 2200MHz
TERR	88 – 790MHz
Number of Inputs / Tapped / Outputs	5/5/5
Satellite Attenuation (Switched)	10/15/20dB
Terrestrial Attenuation (Switched)	10/15/20dB
Insertion Loss	<math>< 3dB</math>
Trunk Lines	Bi-directional power pass with Green LED Indication
Tapped Outputs	Bi-directional power pass on horizontal lines only
Isolation	> 30dB
Return Loss	> 10dB
Impedance	75 Ω
Connectors	F-Type
Max DC Pass trunk lines	18VDC 1.0A per leg (2A combined Horizontal)
Operating Temperature	-20 $^{\circ}$ C to +50 $^{\circ}$ C
Dimension Inc. connectors (mm) / Weight	134 x 134x 30mm 472g