

1 GHz Digital Splitters 25-QT-WD-2, 25-QT-WD-3, 25-QT-WD-4

Quantum™ 1GHz splitters were designed to meet the latest digital performance standards for international cable distribution systems. The PCB ensures unsurpassed insertion loss and return loss to 1Ghz ensuring high quality analog or digital signal transport.

Features and Benefits

- SCTE Compliant Flat-End F-ports
- Enhanced Return Path Specifications
- Low Intermodulation Distortion
- 130dB RFI Shielding
- Smaller housing for tight Installations
- SCTE-Compliant Flat-End F-ports
- 5-1000MHz Standard Splitter specifications (SA-Series), SCTE compliant
- Tin-plated, zinc die-cast, solder-back housing with precision machine threaded ports.
- Standard grounding hole with steel mounting screws
- Glass PCB with micro strip design.
- Special magnetism resistant ferrite core prevents saturation.



Quantum™ 1 GHz Splitters							
PARAMETER	FREQUENCY RANGE (MHz)	2 way 1GHz		3 way 1GHz		4 way 1GHz	
		TYP	QC	TYP	QC	TYP	QC
Insertion Loss (dB) (Max)	5-15	3.5	3.6	3.7/6.9	3.8/7.0	7	7.1
	16-40	3.6	3.7	3.7/6.9	3.8/7.0	6.8	6.9
	41-450	3.7	3.8	3.7/7.0	3.8/7.0	7	7.1
	451-750	3.8	3.9	3.9/7.5	4.0/7.6	7.5	7.6
	751-1000	3.9	4	4.0/8.0	4.2/8.2	8.1	8.2
Isolation (db)	5-15	26	25	30	22	30	22
	16-40	45	40	38	35	40	32
	41-450	31	30	30	25	30	25
	451-750	31	30	28	25	28	25
	751-1000	30	25	25	23	25	23
Input Return Loss (dB) (Min)	5-15	25	24	25	20	25	20
	16-40	26	25	28	24	28	24
	41-450	26	25	28	23	28	23
	451-750	26	25	28	20	25	20
	751-1000	25	22	24	20	21	20
Output Return Loss (dB) (Min)	5-15	26	24	25	22	25	20
	16-40	35	30	35	30	30	28
	41-450	26	25	30	23	28	23
	451-750	26	25	25	20	25	20
	751-1000	25	22	24	20	21	20