

Synergy Telecom P Ltd.

Synergy Telecom (P) Ltd Synergy Telecom (P) Ltd Synergy Telecom (P) Ltd

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Frequency Meter

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Micrometer Type:

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1. Model 4055 are absorption type (Except in S-Band) cavity Wave Meter called frequency meter. These are made of tunable resonant cavity(having high Q) of particular size. This cavity is connected to the source of energy through a section of waveguide. The cavity synerabsorbs some power at resonance, which is indicated as dip in output power. The tuning of the cavity is achieved by means of a plunger connected to a micrometer. The reading of a meter at resonance gives frequency from the calibration- chart provided at 200

Syner, MHz intervals.td Synergy Telecom (P) Ltd Synergy Telecom (P) Ltd Synergy Telecom (P) Ltd

2. S- Band frequency meter is a transmission type cavity wavemeter.

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Model No.	ST-L-(P) Ltd	ST _S -nergy	-ST-C-	ST-J-Synergy	ST-X-	ST-KU-	ST-K-	ST-R _T
9,11018,71101	4055	4055	4055	4055	4055	4055	4055	4055
Freq. Range	e 1.7⊓2(6) Ltd	2.6-3.95 _{\(\gamma\)}	3.96-5.85	t5.8-8,2 ergy	/ 8.2:12:4 (P	12.4-18.0	18:0=com	26.5+
							26.5	40.0
Waveguide e Type(WR-)	e 430 (P) Ltd	284/nergy	∈187 0m (P) l	.t 137 Synergy	/ 90 lecom (P	62 Synen	g ₄ 2elecom	(28 _td
Flange Type (UG-/U)	CPR430 Ltd	53 ^{Synergy}	149A ^{m (P) I}	tagasynergy	(Talasam (P	419 Syner	555 ecom	(5 99d
VSWR at	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
OFF _{ynergy Tel} Resonance	ecom (P) Ltd	Synergy 1	elecom (P) l	td Synergy.	/ Telecom (P) Ltd Syner	gy Telecom	(P) Ltd

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