TRACER® Series

Quick Reference Guide
License-Free Fixed Wireless Solutions

New!

TRACER 5045

A wireless bridge with integral Ethernet switch functionality for enterprise customers. The TRACER 5045 combines the benefits of a 90 Mbps bridge (45 Mbps full duplex), with an integrated four port Ethernet switch in a compact, energy-efficient form factor. This product provides cost-effective data transport between locations within a 25-mile point-to-point path.

New!

TRACER 4205

A license-free, 5.8 GHz, ISM-band DS3 radio designed to meet the needs for broadband connectivity over longer link distances (up to 25 miles point-to-point). It is ideal for wireless carriers and service providers that need high-capacity (45 Mbps) cellular/network backhaul. Enterprise customers can use this product for DS3 campus connectivity where wireline is unavailable or cost-prohibitive.

New!

TRACER 4208

A scalable, 5.8 GHz, ISM-band license-free digital microwave radio that provides high-capacity 8xT1 connectivity for service providers and corporate networks.

New!

TRACER 4108

A scalable, 2.4 GHz, ISM-band license-free digital microwave radio that provides high-capacity 8xT1 connectivity for service providers and corporate networks.

TRACER 4206

A cost-effective, license-free, digital microwave radio that provides 4xT1 connectivity in the 5.8 GHz ISM band. Ideal for all types of carriers for backhaul applications or for enterprise customers for campus links (point-to-point up to 30 miles), disaster recovery, redundant networks, or wireline alternative.

TRACER 4106

A cost-effective, license-free, digital microwave radio that provides 4xT1 connectivity in the 2.4 GHz ISM band. Ideal for all types of carriers for backhaul applications or for enterprise customers for campus links (point-to-point up to 30 miles), disaster recovery, redundant networks, or wireline alternative.

TRACER 4202

A compact, license-free, digital microwave radio that provides 2xT1 connectivity in the 5.8 GHz ISM band. Ideal for all types of carriers for backhaul applications or for enterprise customers for campus links, disaster recovery, redundant networks, or wireline alternative.

TRACER 4102

A compact, license-free, digital microwave radio that provides 2xT1 connectivity in the 2.4 GHz ISM band. Ideal for all types of carriers for backhaul applications or for enterprise customers for campus links, disaster recovery, redundant networks, or wireline alternative.

TRACER 2603

A TRACER baseband processor that is used in conjunction with a rackmount or mastmount TRACER 3000 Series Radio Frequency Converter (RFC) for 2xT1 connectivity. It is ideal for service providers requiring a NEBS compliant radio and/or a mastmount RFC.

TRACER 2602

A 1xE1 TRACER baseband processor used in conjunction with a rackmount or mastmount TRACER 3000 Series Radio Frequency Converter (RFC) for E1 applications. It is ideal for global providers or enterprise customers for international or domestic applications requiring E1 connectivity.

TRACER 2604

A 2xE1 TRACER baseband processor used in conjunction with a rackmount or mastmount TRACER 3000 Series Radio Frequency Converter (RFC) for multi-E1 applications. It is ideal for global providers or enterprise customers for international or domestic applications requiring E1 connectivity.

ADTRAN®

Supported	5045	4205	4208	4108	4206	4106	4202	4102	2603	2602	2604	3000 Series
Cellular backhaul		•	•	•	•	•	•	•	•	•	•	•
Service provider network extension	•	•	•	•	•	•	•	•	•	•	•	•
Corporate networks and campus connectivity	•	•	•	•	•	•	•	•	•	•	•	•
Redundant link	•	•	•	•	•	•	•	•	•	•	•	•
Disaster recovery	•	•	•	•	•	•	•	•	•	•	•	•
LAN extension for corporate networks and campus connectivity	•											
High-capacity data transport	•											
WAN/LAN integration	•											

Product Guide

	TRACER 5045	TRACER 4205	TRACER 4208	TRACER 4108	TRACER 4206	TRACER 4106	TRACER 4202	TRACER 4102	TRACER 2603	TRACER 2602	TRACER 2604	TRACER 3000 Series	TRACER Protection Switch
Service Supported													
10/100Base-T	90 Mbps*												
DS3		•											
T1			8xT1	8xT1	4xT1	4xT1	2xT1	2xT1	2xT1			•	2xT1 Backup
E1										1xE1	2xE1	•	
V.35												•	
Components													
Baseband Processor									•	•	•		
Radio Frequency Converter												•	
BBP with Integral RFC	•	•	•	•	•	•	•	•					
Form Factor													
Rackmount	•	•	•	•	•	•	•	•	•	•	•	•	•
Desk or Wallmount													
Mastmount												•	
Frequency Band													
2.4 GHz ISM				•		•		•	Requires 3100/3101	Requires 3100/3101	Requires 3100/3101	•	
5.8 GHz ISM	•	•	•		•		•		Requires 3200/3201	Requires 3200/3201	Requires 3200/3201	•	
5.8 GHz U-NII													

* 45 Mbps full duplex

What's involved in a TRACER application?

- The connectivity application needs to be identified: T1, Multi-T1, DS3 or Ethernet
- A site survey may be needed. TRACER microwave systems require an unobstructed path or Line of Sight (LOS).
- Auxiliary equipment is needed. This includes antennas, cables, grounding, and lighting protection.
- To complete the link, TRACER "A" and "B" parts must be ordered. An "A" is needed on one end and a "B" on the other.

Contact ADTRAN Technical Support at 1 888 423.8726 or your technology reseller. For a list of ADTRAN Wireless Resellers visit *www.adtran.com/wheretobuy*

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