

# ANT-20/ANT-20se Packages

The ANT-20 family of all purpose testers – ordering made easy

## All packages include:

- SONET
- SDH
- TCM
- APS
- PDH
- DSn
- Mux
- D&I
- Thru
- Remote
- TCP/IP
- LWdriver

## Does it include everything?

**Yes!**



Each package includes: SDH/SONET all mappings, OH byte capture/sequencer, TCM, APS, PDH/DSn with mux, D&I, Thru mode, remote V.24/RS-232, TCP/IP, LabWindows driver.

Name	Possible options	Ordering number
ANT-20 up to 155M el. P#13 – ANT-20 SDH STM-0/1, OC-1/3 – Electrical interfaces: 1.5 to 155 Mb	Add jitter/wander up to 155M – 3035/91.29 Add ATM up to 155M – 3035/90.63	3035/13
ANT-20 up to 155M el. P#14 – ANT-20 SONET OC-1/3, STM-0/1 – Electrical interfaces: 1.5 to 155 Mb	Add jitter/wander up to 155M – 3035/91.29 Add ATM up to 155M – 3035/90.63	3035/14
ANT-20 up to 155M P#1 – ANT-20 SDH STM-0/1, OC-1/3 – Electrical interfaces: 1.5 to 155 Mb	Add jitter/wander up to 155M – 3035/91.29 Add ATM up to 155M – 3035/90.63	3035/08
ANT-20 up to 155M P#15 – ANT-20 SONET OC-1/3, STM-0/1 – Electrical interfaces: 1.5 to 155 Mb – Optical interfaces: 52 to 155 Mb – 1310/1550 nm	Add jitter/wander up to 155M – 3035/91.29 Add ATM up to 155M – 3035/90.63	3035/15
ANT-20 up to 622M P#2 – ANT-20 SDH STM-0/1/4, OC-1/3/12 – Electrical interfaces: 1.5 to 622 Mb – Optical interfaces: 52 to 622 Mb – 1310/1550 nm	Add jitter/wander up to 155 M – 3035/91.29 Add jitter/wander up to 622M – 3035/91.31 Add ATM up to 622M – 3060/90.63	3035/09
ANT-20se up to 622M P#5 – ANT-20se SDH STM-0/1/4, OC-1/3/12 – Electrical interfaces: 1.5 to 622 Mb – Optical interfaces: 52 to 622 Mb – 1310/1550 nm	Add jitter/wander up to 155 M – 3035/91.29 Add jitter/wander up to 622M – 3035/91.31 Add ATM up to 622M – 3060/90.63	3060/55
ANT-20se up to 622M P#6 – ANT-20se SONET OC-1/3/12, STM-0/1/4 – Electrical interfaces: 1.5 to 622 Mb – Optical interfaces: 52 to 622 Mb – 1310/1550 nm	Add jitter/wander up to 155 M – 3035/91.29 Add jitter/wander up to 622M – 3035/91.31 Add ATM up to 622M – 3060/90.63	3060/56
ANT-20se up to 2.5G P#7 – ANT-20se SDH STM-0/1/4/16, OC-1/3/12/48 – Electrical interfaces: 1.5 Mb to 2.5 Gb – Optical interfaces: 52 to 2.5G – 1310/1550 nm	Add jitter/wander up to 155 M – 3035/91.29 Add jitter/wander up to 622M – 3035/91.31 Add jitter/wander up to 2.5G – 3060/91.32 Add ATM up to 622M – 3060/90.63	3060/57
ANT-20se up to 2.5G P#8 – ANT-20se SONET OC-1/3/12/48, STM-0/1/4/16 – Electrical interfaces: 1.5 Mb to 2.5 Gb – Optical interfaces: 52 to 2.5G – 1310/1550 nm	Add jitter/wander up to 155 M – 3035/91.29 Add jitter/wander up to 622M – 3035/91.31 Add jitter/wander up to 2.5G – 3060/91.32 Add ATM up to 622M – 3060/90.63	3060/58

## Add jitter/wander for ANT-20 and ANT-20se Packages

Each package includes: jitter generation and analysis, automatic measurements: MTJ, F-MTJ, JTF, MTIE/TDEV offline analysis.

Name		Ordering number
Add jitter/wander up to 155M	For ANT-20 and ANT-20se	3035/91.29
Add jitter/wander up to 622M	For ANT-20 and ANT-20se	3035/91.31
Add jitter/wander upto 2.5G	For ANT-20se only	3060/91.32

## ANT-10 Packages

Each package includes: SDH/SONET all mappings, OH byte capture/sequencer, TCM, APS, PDH/DSn with mux, D&I, Thru mode, remote V.24/RS-232, TCP/IP, LabWindows driver. MTIE/TDEV is available too with jitter/wander.

Name	Possible options	Ordering number
ANT-10G 1550 P#1 – ANT-10G SDH STM-0/1/4/16/64, OC-1/3/12/48/192 – Electrical interfaces: 1.5 Mb to 2.5 Gb – Optical interfaces: 52M to 2.5G – 1310/1550 nm (10G – 1550 nm)	Add ATM up to 622M – 3060/90.63 Add 10G electrical interfaces – 3060/91.48	3060/71

Name	Possible options	Ordering number
ANT-10G 1550 P#2 – ANT-10G SDH STM-64, OC-192 – Electrical interfaces: 1.5 to 155 Mb – Optical interfaces: 10G – 1550 nm – Jitter/wander 10G	Add ATM up to 622M – 3060/90.63 Add 10G electrical interfaces – 3060/91.48	3060/72
ANT-10G 1550 P#3 – ANT-10G SDH STM-0/1/4/64, OC-1/3/12/192 – Electrical interfaces: 1.5 to 622 Mb – Optical interfaces: 52M to 622M – 1310/1550 nm (10G – 1550 nm) – Jitter/wander all built-in rates	Add ATM up to 622M – 3060/90.63 Add 10G electrical interfaces – 3060/91.48	3060/73
ANT-10G 1550 P#4 – ANT-10G SDH STM-0/1/4/16/64, OC-1/3/12/48/192 – Electrical interfaces: 1.5 Mb to 2.5 Gb – Optical interfaces: 52M to 2.5G – 1310/1550 nm (10G – 1550 nm) – Jitter TX/RX 10G, wander RX 10G	Add ATM up to 622M – 3060/90.63 Add 10G electrical interfaces – 3060/91.48	3060/74
ANT-10G Dual P#11 – ANT-10G SDH STM-0/1/4/16/64, OC-1/3/12/48/192 – Electrical interfaces: 1.5 Mb to 2.5 Gb – Optical interfaces: 52M to 2.5G – 1310/1550 nm (10G – 1310/1550 nm)	Add ATM up to 622M – 3060/90.63 Add 10G electrical interfaces – 3060/91.54	3060/81
ANT-10G Dual P#12 – ANT-10G SDH STM-64, OC-192 – Electrical interfaces: 1.5 to 155 Mb – Optical interfaces: 10G – 1310/1550 nm – Jitter/wander 10G	Add ATM up to 622M – 3060/90.63 Add 10G electrical interfaces – 3060/91.54	3060/82
ANT-10G Dual P#13 – ANT-10G SDH STM-0/1/4/64, OC-1/3/12/192 – Electrical interfaces: 1.5 to 622 Mb – Optical interfaces: 52M to 622M – 1310/1550 nm (10G – 1310/1550 nm) – Jitter/wander all built-in rates	Add ATM up to 622M – 3060/90.63 Add 10G electrical interfaces – 3060/91.54	3060/83
ANT-10G Dual P#14 – ANT-10G SDH STM-0/1/4/16/64, OC-1/3/12/48/192 – Electrical interfaces: 1.5 Mb to 2.5 Gb – Optical interfaces: 52M to 2.5G – 1310/1550 nm (10G – 1310/1550 nm) – Jitter TX/RX 10G, wander RX 10G	Add ATM up to 622M – 3060/90.63 Add 10G electrical interfaces – 3060/91.54	3060/84

## Add 10G Electrical Interfaces

Name		Ordering number
Add 10G electrical interfaces	for ANT-10G 1550 packages	3060/91.48
Add 10G electrical interfaces	For ANT-10 dual packages	3060/91.54

## Add ATM Packages

Each package includes: AAL-0, AAL-1, variable traffic loads, circuit emulation, ATM performance analysis, traffic channel statistics

Name		Ordering number
Add ATM up to 155M – Mappings SDH: E1, E3, E4, VC3 – Mappings SONET: DS1, DS3, STS-1	For ANT-20 only	3035/90.63
Add ATM up to 622M – Mappings SDH: E1, E3, E4, VC3, VC4c – Mappings SONET: DS1, DS3, STS-1, OC-12c	For all ANTs	3060/90.63

## Add Accessories to all ANTs

Name	Ordering number
CATS professional	3035/95.95
Remote control interface GPIB	3035/92.10
Remote operation (PcAnywhere)	3035/95.30
Optical power splitter ANTs	3035/90.49
Calibration report ANTs	3060/94.01
Hard case ANT-20	0960/00.08
Soft case ANT-20	3035/92.02
Hard case ANT-20se/10G	3035/92.03

## Test & Measurement Regional Sales

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