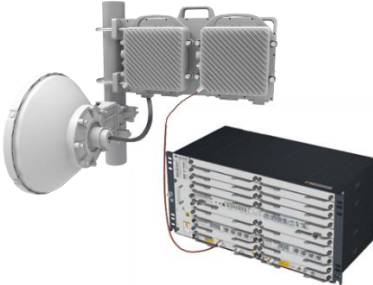


Huawei RTN 950 VS. RTN 950A VS. RTN 980 VS. RTN 905 2F

Product name	RTN 950	RTN 950A	RTN 980	RTN 905 2F
Appearance				
Main feature				
N+1 protection	Y	Y	Y	N
SD and IF combination	N	N	N	N
CA	Y	Y	Y	Y
MIMO	Y	Y	Y	N
LH	N	N	N	N
1+1	Y	Y	Y	Y
XPIC	Y	Y	Y	Y
PLA	Y	Y	Y	Y
EPLA	Y	Y	Y	Y
EPLA+	Y	Y	N	N
AM	Y	Y	Y	Y
TDM	Y	Y	Y	Y

Product name	RTN 950	RTN 950A	RTN 980	RTN 905 2F
PWE3/MPLS	Y	Y	Y	Y
L3VPN	Y	Y	Y	Y
SDB	Y	Y	Y	Y
Microwave				
Microwave type	Integrated IP microwave SDH microwave PDH microwave	Integrated IP microwave SDH microwave	Integrated IP microwave SDH microwave PDH microwave	Integrated IP microwave SDH microwave
RF configuration mode	N+0 (N ≤ 10) N x (1+0) (N ≤ 10) N+1 (N ≤ 7) 1+1 HSB/FD/SD XPIC 2CA 4x4 MIMO	N+0 (N ≤ 12) N x (1+0) (N ≤ 12) N+1 (N ≤ 7) 1+1 HSB/FD/SD XPIC 2CA 4x4 MIMO	N+0 (N ≤ 20) N x (1+0) (N ≤ 20) N+1 (N ≤ 7) 1+1 HSB/FD/SD XPIC 2CA 4x4 MIMO	N+0 (N ≤ 2) N x (1+0) (N ≤ 2) 1+1 HSB/FD/SD XPIC 2CA
Number of directions	10	12	20	2
Channel spacing	3.5 MHz 7 MHz 14 MHz 28 MHz 40 MHz 50 MHz 56 MHz 112 MHz	3.5 MHz 7 MHz 14 MHz 28 MHz 40 MHz 50 MHz 56 MHz 112 MHz	3.5 MHz 7 MHz 14 MHz 28 MHz 40 MHz 50 MHz 56 MHz 112 MHz	3.5 MHz 7 MHz 14 MHz 28 MHz 40 MHz 50 MHz 56 MHz 112 MHz

Product name	RTN 950	RTN 950A	RTN 980	RTN 905 2F
Modulation scheme	QPSK Strong QPSK 16QAM Strong 16QAM 32QAM 64QAM 128QAM 256QAM 512QAM 512QAM Light 1024QAM 1024QAM Light 2048QAM 4096QAM 8192QAM	QPSK Strong QPSK 16QAM Strong 16QAM 32QAM 64QAM 128QAM 256QAM 512QAM 512QAM Light 1024QAM 1024QAM Light 2048QAM 4096QAM 8192QAM	QPSK Strong QPSK 16QAM Strong 16QAM 32QAM 64QAM 128QAM 256QAM 512QAM 512QAM Light 1024QAM 1024QAM Light 2048QAM 4096QAM 8192QAM	QPSK Strong QPSK 16QAM Strong 16QAM 32QAM 64QAM 128QAM 256QAM 512QAM 512QAM Light 1024QAM 1024QAM Light 2048QAM 4096QAM 8192QAM
Maximum air interface capacity (Mbit/s)	1166-2500 (non-XPIC) 1165-2500 (XPIC) 563-1607 (MIMO) 1123-1423 (CA)	1166-2500 (non-XPIC) 1165-2500 (XPIC) 563-1607 (MIMO) 1123-1423 (CA)	1166-2500 (non-XPIC) 1165-2500 (XPIC) 563-1607 (MIMO) 1123-1423 (CA)	1166-2500 (non-XPIC) 1165-2500 (XPIC) 1123-1423 (CA)

Product name	RTN 950	RTN 950A	RTN 980	RTN 905 2F
Frequency band	6 GHz	6 GHz	6 GHz	6 GHz
	7 GHz	7 GHz	7 GHz	7 GHz
	8 GHz	8 GHz	8 GHz	8 GHz
	10 GHz	10 GHz	10 GHz	10 GHz
	10.5 GHz	10.5 GHz	10.5 GHz	10.5 GHz
	11 GHz	11 GHz	11 GHz	11 GHz
	13 GHz	13 GHz	13 GHz	13 GHz
	15 GHz	15 GHz	15 GHz	15 GHz
	18 GHz	18 GHz	18 GHz	18 GHz
	23 GHz	23 GHz	23 GHz	23 GHz
	26 GHz	26 GHz	26 GHz	26 GHz
	28 GHz	28 GHz	28 GHz	28 GHz
	32 GHz	32 GHz	32 GHz	32 GHz
	38 GHz	38 GHz	38 GHz	38 GHz
	42 GHz	42 GHz	42 GHz	42 GHz
Basic function				
Product positioning	Access/Aggregation layer	Access/Aggregation layer	Aggregation layer	Access layer
Product type	Split	Split	Split	Split
Dimensions (H x W x D)	IDU: 442 mm x 220 mm x 88 mm	IDU: 442 mm x 220 mm x 88 mm	IDU: 442 mm x 220 mm x 225 mm	IDU: 442 mm x 220 mm x 44 mm
Height	2U	2U	5U	1U
Number of service slots	6	6	14	0

Product name	RTN 950	RTN 950A	RTN 980	RTN 905 2F
Service port type	E1 port STM-1 optical/electrical port FE optical/electrical port GE optical/electrical port 2.5GE optical port 10GE optical port	E1/T1 port STM-1 optical/electrical port FE optical/electrical port GE optical/electrical port 2.5GE optical port 10GE optical port	E1 port STM-1 optical/electrical port STM-4 optical port FE optical/electrical port GE optical/electrical port 2.5GE optical port 10GE optical port	E1 port STM-1 optical/electrical port FE optical/electrical port GE optical/electrical port 2.5GE optical port 10GE optical port

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