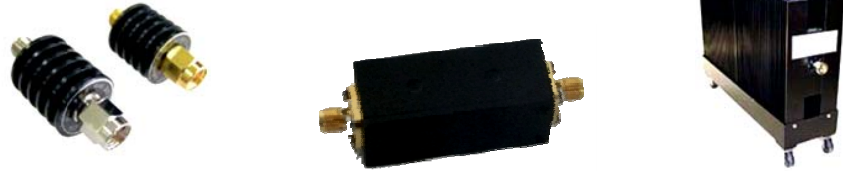




22 Coaxial Fixed Attenuator

Vector Telecom supplies a wide selection of high quality Fixed Attenuators ranging from 2 W to 10 kW in standard Attenuation values of 3, 6, 10, 20, 30, 40 and 50 dB. Please call us with your requirements and discuss your needs with one of our sales engineers.



(Coaxial Fixed Attenuator (50Ω))

22.1 Series of $P \leq 100W$

【Specifications】

Model No*	Avg Power (W)	Peak Power (KW)	Freq Range (GHz)	VSWR	Nominal Attenuation (dB)	Connector
VT400CFA2VJK...	2	0.2	DC-40	≤1.35	1-40	2.4mm
VT420CFA2VJK...	2	0.2	DC-42	≤1.35	3,6,10,20,30	2.4mm
VT500CFA2VJK...	2	0.2	DC-50	≤1.55	1-10,20	2.4mm
VT400CFA5VJK...	5	0.2	DC-40	≤1.35	1-40	2.4mm
VT400CFA10VJK...	10	0.2	DC-40	≤1.40	10-40	2.4mm
VT400CFA20VJK...	20	0.2	DC-40	≤1.40	10-40	2.4mm
VT265CFA2K2.92JK...	2	0.2	DC-26.5	≤1.25	1-40	2.92mm
VT400CFA2K2.92JK...	0.5-2	0.2	DC-40	≤1.35	1-40	2.92mm
VT265CFA5K2.92JK...	5	0.2	DC-26.5	≤1.25	1-40	2.92mm
VT0400CFA5K2.92JK...	5	0.2	DC-40	≤1.35	1-40	2.92mm
VT400CFA10K2.92JK...	10	0.2	DC-40	≤1.40	10-40	2.92mm
VT400CFA20K2.92JK3	20	0.2	DC-40	≤1.40	3	2.92mm
VT400CFA20K2.92JK...	20	0.2	DC-40	≤1.40	10-40	2.92mm
VT400CFA30K2.92JK...	30	0.2	DC-40	≤1.40	30	2.92mm
VT400CFA50K2.92JK...	50	0.5	DC-40	≤1.60	30,40	2.92mm
VT180CFA2TNCJK...	2	0.5	DC-18	≤1.35	1-30	TNC
VT180CFA2TNCJK...	2	0.5	DC-18	≤1.35	40-90	TNC
VT180CFA5TNCJK...	5	0.5	DC-18	≤1.35	1-30	TNC
VT180CFA5TNCJK...	5	0.5	DC-18	≤1.35	40-90	TNC
VT180CFA10TNCJK...	10	1	DC-18	≤1.35	1-30	TNC
VT180CFA10TNCJK...	10	1	DC-18	≤1.35	40-90	TNC
VT180CFA25TNCJK...	25	1	DC-18	≤1.35	10-40	TNC
VT180CFA50TNCJK...	50	1	DC-18	≤1.40	3-40	TNC
VT180CFA50TNCJK...	50	1	DC-18	≤1.3	10-40	TNC
VT180CFA100TNCJK...	100	1	DC-18	≤1.4	10-40	TNC
VT180CFA150TNCJK...	150	1	DC-18	≤ 1.45	10-40	TNC
VT180CFA200TNCJK...	200	1	DC-18	≤ 1.5	10-40	TNC



Section 2

Coaxial Components

22

Coaxial Fixed Attenuator



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Telecom Pty Ltd

Model No*	Avg Power (W)	Peak Power (kW)	Freq Range (GHz)	VSWR	Nominal Attenuation (dB)	Connector
VT060CFA104.3/10JK...	10	1	DC-6	≤1.25	1-40	4.3/10
VT060CFA254.3/10JK...	25	1	DC-6	≤1.25	1-40	4.3/10
VT080CFA504.3/10JK...	50	5	DC-8	≤1.30	10-40	4.3/10
VT040CFA1004.3/10JK..	100	5	DC-4	≤1.25	20,30,40	4.3/10
VT060CFA1004.3/10JK..	100	5	DC-6	≤1.30	10-40	4.3/10
VT060CFA1504.3/10JK..	150	5	DC-6	≤1.30	10-40	4.3/10
VT060CFA2004.3/10JK..	200	5	DC-6	≤1.30	10-40	4.3/10
VT265CFA23.5JK...	2	0.5	DC-26.5	≤1.25	1-70	3.5mm
VT265CFA53.5JK...	5	0.5	DC-26.5	≤1.25	1-70	3.5mm
VT265CFA103.5JK...	10	0.5	DC-26.5	≤1.25	1-70	3.5mm
VT265CFA253.5JK...	25	0.5	DC-26.5	≤1.3	3-70	3.5mm
VT265CFA503.5JK...	50	0.5	DC-26.5	≤1.3	3-60	3.5mm
VT180CFA100NJK...	100	0.5	DC-18	≤1.25	3,6,10,20,30,40,50	3.5mm,SMA(M,
VT265CFA100SJK...	100	0.5	DC-26.5	≤1.40	3,6,10,20,30,40,50	3.5mm,SMA(M,
VT0320CFA100SJK...	100	0.5	DC-32	≤1.40	10,20,30,40	SMK(2.92)
VT124CFA2SJK...	2	0.2	DC-12.4	≤1.35	1-30	SSMA(M,F)
VT060CFA2SJK...	2	0.5	DC-6	≤1.20	1-30	SMA(M,F)
VT124CFA2BMAJK...	10	1	DC-12.4	≤1.40	1-20	BMA
VT060CFA2QMASMA...	2	0.5	DC-6	≤1.2	1-30	Input: QMA
VT265CFA2SJK...	2	0.5	DC-26.5	≤1.3	1-12	SMA(M,F)
VT180CFA2SJK...	2	0.5	DC-18	≤1.35	1-30	SMA
VT180CFA2SJK...	2	0.5	DC-18	≤1.30	1-50	SMA
VT0300CFA2SJK...	2	0.5	DC-30	≤1.30	3-30	SMA(M,F)
VT265CFA2SJK...	2	0.5	DC-26.5	≤ 1.35	1-40	SMA
VT265CFA2SKK...	2	0.5	DC-26.5	≤ 1.35	1-30	SMA(F,F)
VT265CFA2SJK...	2	0.5	DC-26.5	≤ 1.40	30-90	SMA(M,F)
VT265CFA5SJK...	5	0.5	DC-26.5	≤ 1.35	3-50	SMA(M,F)
VT265CFA10SJK...	10	0.5	DC-26.5	≤ 1.35	3-40	SMA(M,F)
VT265CFA25SJK...	25	1	DC-26.5	≤ 1.35	10-40	SMA(M,F)
VT180CFA50NJK...	50	1	DC-18	≤1.25	10-60	SMA(M,F),3.5(
VT265CFA50SJK...	50	1	DC-26.5	≤1.30	10-60	SMA(M,F),3.5(
VT320CFA50SJK...	50	1	DC-32	≤1.35	10,20,30,40	SMK(2.92)
VT060CFA2NJK...	2	0.5	DC-6	≤1.25	1-40	N, SMA, TNC,
VT180CFA2NJK...	2	0.5	DC-18	≤1.40	1-50	N, TNC
VT060CFA5NJK...	5	0.5	DC-6	≤1.25	1-40	N,SMA,TNC,BN
VT180CFA5NJK...	5	0.5	DC-18	≤1.40	1-50	N,TNC
VT040CFA10NJK...	10	1	DC-4	≤1.25	1-40	N, SMA, TNC,
VT180CFA10NJK...	10	1	DC-18	≤1.40	10-40	N, SMA,TNC
VT180CFA10NJK...	10	1	DC-18	≤1.30	1-40	N,TNC
VT124CFA10NJK...	10	1	DC-12.4	≤1.30	10-60	N, TNC
VT040CFA25NJK...	25	1	DC-4	≤1.25	1-50	N, SMA, TNC,
VT100CFA30NJK...	30	5	DC-10	≤1.20	3-40	N
VT100CFA30NJK...	30	5	DC-10	≤1.20	3-40	N
VT040CFA50SJK...	50	10	DC-4	≤1.35	1-40	N, SMA, 7/16,
VT040CFA50NJK...	50	10	DC-4	≤1.35	1-40	N, 7/16
VT100CFA50NJK...	50	5	DC-10	≤1.35	3-40	N, 7/16



Model No*	Avg Power (W)	Peak Power (kW)	Freq Range (GHz)	VSWR	Nominal Attenuation (dB)	Connector
VT180CFA50NJK...	50	1	DC-18	≤1.35	3-40	N,SMA
VT180CFA50NJK...	50	1	DC-18	≤1.25	10-60	N
VT180CFA50NJK...	50	1	DC-18	≤1.35	10-40	N,TNC,SMA
VT100CFA50NJK...	50	5	DC-10	≤1.35	3-40	7/16(DC-4), N
VT040CFA60NJK...	60	10	DC-4	≤1.35	1-40	N, SMA, 7/16,
VT100CFA60NJK...	60	5	DC-10	≤1.35	3-40	N, 7/16
VT100CFA80NJK...	80	10	DC-10	≤1.35	10-40	N, 7/16, TNC,
VT180CFA80NJK...	80	1	DC-18	≤1.40	10-40	N, SMA
VT100CFA80NJK...	80	5	DC-10	≤1.40	3-40	N,7/16(DC-2.5)
VT040CFA100NJK...	100	10	DC-4	≤1.35	10-50	N, 7/16
VT040CFA100NJK...	100	5	DC-4	≤1.25	30	N,7/16
VT0730CFA100NJK...	100	5	0.7-3	≤1.20	30,40	N
VT180CFA100NJK...	100	1	DC-18	≤1.45	3-50	N
VT180CFA100NJK...	100	1	DC-18	≤1.40	3-50	N
VT180CFA100NJK...	100	1	DC-18	≤1.40	3-40	N
VT100CFA100NJK...	100	5	DC-10	≤1.50	3-40	7/16(DC-4), N
VT100CFA100NJK...	100	5	DC-10	≤1.50	3-40	7/16(DC-4), N
VT0160CFA2NJK...	2/5	0.5	0.1-6	≤1.30	1-9,10,20,30,40	N
VT0160CFA10NJK...	10	1	0.1-6	≤1.30	1-9,10,20,30,40	N
VT0160CFA25NJK...	25	1	0.1-6	≤1.30	1-9,10,20,30,40	N
VT0160CFA50NJK...	50	5	0.1-6	≤1.30	3/6,10,20,30,40	N
VT0140CFA100NJK...	100	5	0.1-4	≤1.25	20,30,40	N
VT060CFA10QSM AJK...	10	0.5	DC-6	≤1.20	30	QSMA
VT100CFA30NJK...	30	5	DC-10	≤1.20	3-40	N
VT040CFA50SJK...	50	10	DC-4	≤1.35	1-40	N, SMA, 7/16,
VT040CFA50NJK...	50	10	DC-4	≤1.35	1-40	N, 7/16
VT100CFA50NJK...	50	5	DC-10	≤1.35	3-40	N, 7/16
VT180CFA50NJK...	50	1	DC-18	≤1.35	3-40	N,SMA
VT180CFA50NJK...	50	1	DC-18	≤1.25	10-60	N
VT180CFA50NJK...	50	1	DC-18	≤1.35	10-40	N,TNC,SMA
VT100CFA50NJK...	50	5	DC-10	≤1.35	3-40	7/16(DC-4), N
VT040CFA60NJK...	60	10	DC-4	≤1.35	1-40	N, SMA, 7/16,
VT100CFA60NJK...	60	5	DC-10	≤1.35	3-40	N, 7/16
VT100CFA80NJK...	80	10	DC-10	≤1.35	10-40	N, 7/16, TNC,
VT180CFA80NJK...	80	1	DC-18	≤1.40	10-40	N, SMA
VT100CFA80NJK...	80	5	DC-10	≤1.40	3-40	N,7/16(DC-2.5)
VT040CFA100NJK...	100	10	DC-4	≤1.35	10-50	N, 7/16
VT040CFA100NJK...	100	5	DC-4	≤1.25	30	N,7/16
VT0730CFA100NJK...	100	5	0.7-3	≤1.20	30,40	N
VT180CFA100NJK...	100	1	DC-18	≤1.45	3-50	N
VT180CFA100NJK...	100	1	DC-18	≤1.40	3-50	N
VT180CFA100NJK...	100	1	DC-18	≤1.40	3-40	N
VT100CFA100NJK...	100	5	DC-10	≤1.50	3-40	7/16(DC-4), N
VT100CFA100NJK...	100	5	DC-10	≤1.50	3-40	7/16(DC-4), N
VT0160CFA2NJK...	2/5	0.5	0.1-6	≤1.30	1-9,10,20,30,40	N
VT0160CFA10NJK...	10	1	0.1-6	≤1.30	1-9,10,20,30,40	N



Vector Telecom

Section 2

Coaxial
Components

22

Coaxial
Fixed
Attenuator



Vector Telecom Pty Ltd

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Model No*	Avg Power (W)	Peak Power (kW)	Freq Range (GHz)	VSWR	Nominal Attenuation (dB)	Connector
VT0160CFA25NJK...	25	1	0.1-6	≤1.30	1-9,10,20,30,40	N
VT0160CFA50NJK...	50	5	0.1-6	≤1.30	3/6,10,20,30,40	N
VT0140CFA100NJK...	100	5	0.1-4	≤1.25	20,30,40	N
VT060CFA10QSMAJK...	10	0.5	DC-6	≤1.20	30	QSMA

*Indicates Model Number. See Ordering Information for complete part number.

22.2 Series of P≤500W

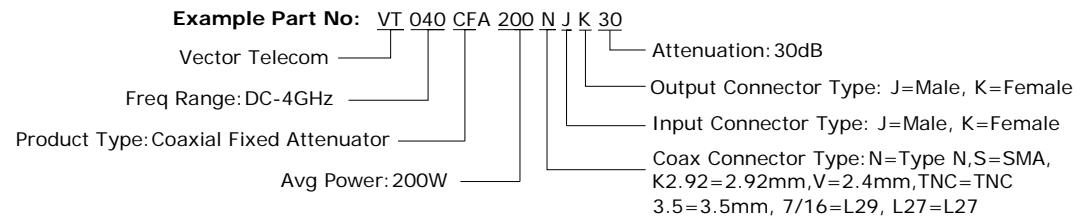
【Specifications】

Model No*	Avg Power (W)	Peak Power (kW)	Freq Range (GHz)	VSWR	Nominal Attenuation (dB)	Connector
VT040CFA150NJK...	150	10	DC-4	1.15-1.40	10,20,30,40,50	N,7/16
VT180CFA150NJK...	150	1	DC-18	1.30-1.45	3,6,10,20,30,40,50	N,SMA
VT180CFA150NJK...	150	1	DC-18	1.25-1.35	3,6,10,20,30,40,50	N
VT100CFA150NJK...	150	5	DC-10	1.15-1.50	3,6,10,20,30,40	N,7/16
VT040CFA200NJK...	200	10	DC-4	1.20-1.40	10,20,30,40,50	N,7/16
VT100CFA200NJK...	200	5	DC-10	1.15-1.45	10,20,30,40	N,7/16
VT180CFA200NJK...	200	1	DC-18	1.25-1.50	10,20,30,40,50	N
VT040CFA250NJK...	250	10	DC-4	1.20-1.40	10,20,30,40,50	N,7/16
VT050CFA250NJK...	250	10	DC-5	1.15	40	N,7/16
VT100CFA250NJK...	250	5	DC-10	1.20-1.45	10,20,30,40	N,7/16
VT100CFA250NJK...	250	5	DC-10	1.20-1.45	10,,20,30,40	N,7/16
VT180CFA250NJK...	250	1	DC-18	1.25-1.55	10,20,30,40,50	N
VT040CFA300NJK...	300	10	DC-4	1.20-1.50	10,20,30,40,50	N,7/16
VT180CFA300NJK...	300	1	DC-18	1.20-1.55	10,20,30,40,50	N
VT100CFA300NJK...	300	5	DC-10	1.25-1.45	30,40,50	N,7/16
VT130CFA350NJK...	350	1	DC-13	1.30-1.50	6,10,20,30,40	N(J,K)
VT040CFA350NJK...	350	1	DC-4	1.3	30	N
VT040CFA400NJK...	400	10	DC-4	1.20-1.50	10,20,30,40,50	N,7/16
VT100CFA400NJK...	400	5	DC-10	1.25-1.45	40,50	N,7/16
VT040CFA500NJK...	500	10	DC-4	1.20-1.50	10,20,30,40,50	N,7/16
VT100CFA500NJK...	500	5	DC-10	1.25-1.45	30,40,50	N,7/16
VT180CFA250NJK...	250	1	DC-18	1.25-1.55	10,20,30,40,50	N
VT040CFA300NJK...	300	10	DC-4	1.20-1.50	10,20,30,40,50	N,7/16
VT180CFA300NJK...	300	1	DC-18	1.20-1.55	10,20,30,40,50	N
VT100CFA300NJK...	300	5	DC-10	1.25-1.45	30,40,50	N,7/16
VT130CFA350NJK...	350	1	DC-13	1.30-1.50	6,10,20,30,40	N(J,K)
VT040CFA350NJK...	350	1	DC-4	1.3	30	N
VT040CFA500NJK...	500	10	DC-4	1.20-1.50	10,20,30,40,50	N,7/16
VT100CFA500NJK...	500	5	DC-10	1.25-1.45	30,40,50	N,7/16

*Indicates Model Number. See Ordering Information for complete part number.



【Ordering Information】



22.3 Series of P>500W

【Specifications】

Model No*	Avg Power (W)	Peak Power (kW)	Freq Range (GHz)	VSWR	Nominal Attenuation (dB)	Connector
VT040CHPFA800NJK...	800	10	DC-4	1.20-1.50	40,50,60	N,7/16
VT060CHPFA1000NJK..	1000	10	DC-6	1.35	50	N, 7/16
VT030CHPFA1000NJK..	1000	10	DC-3	1.40	40,50	N,7/16
VT030CHPFA1500NJK..	1500	10	DC-3	1.40	40,50	N,7/16
VT030CHPFA2000NJK..	2000	10	DC-3	1.40	40,50	N,7/16
VT020CHPFA1000NJK..	1000	50	DC-2	1.20-1.30	30,40,50	N,7/16
VT020CHPFA1000NJK..	1000	50	DC-2	1.20-1.30	30,40,50	N,7/16
VT020CHPFA1000NJK..	1000	50	DC-2	1.20-1.30	30,40,50	N,7/16
VT020CHPFA2000NJK..	2000	50	DC-2	1.20-1.30	30,40,50	N,7/16
VT020CHPFA2000NJK..	2000	50	DC-2	1.20-1.30	30,40,50	N,7/16
VT020CHPFA3000NJK..	3000	50	DC-2	1.30	30,40,50	N,7/16
VT010CHPFA4000NJK..	4000	100	DC-1	1.40	30,40,50	N,7/16
VT010CHPFA5000NJK..	5000	100	DC-1	1.40	30,40,50	7/16,L36,L
VT010CHPFA10000NJK	10000	100	DC-1	1.40	30,40,50	7/16,L36,L

Indicates Model Number. See Ordering Information for complete part number.

【Ordering Information】

