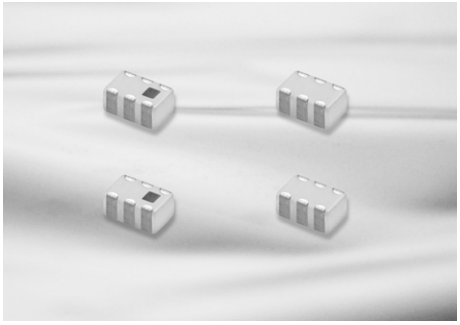
Diplexer



Feature

- Small and thin size
- Low Insertion Loss
- Lead free

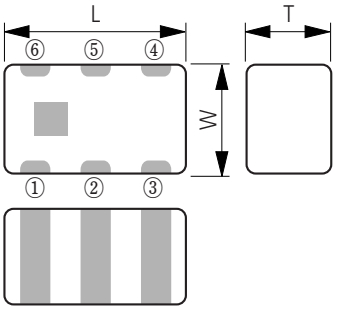
Application

- Applying to mobile phones and wireless LAN Combo.
- AMPS/GPS, AMPS/PCS, CDMA/WCDMA, CDMA/S-DMB, PCS/S-DMB, T-DMB/CDMA,
- T-DMB/K-PCS, CDMA/W-LAN, CDMA/K-PCS, iDEN/GPS

Diplexer is used for separating specific frequency in mobile phones and wireless LAN 11a/b/g. Two kinds of pin assignment demanded on customers are lined up so that designing circuit regardless output direction is available.

Dimensions

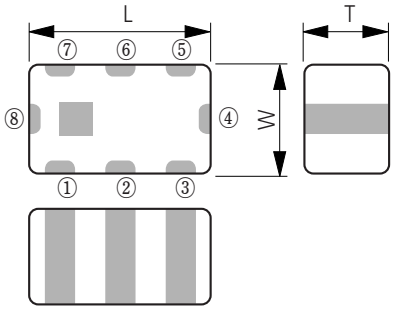
■ F Type



Dimension(mm)	
L	2.00±0.15
W	1.25±0.15
T	0.95±0.10

Terminal	
Common	②
Low Band	⑥
High Band	④
GND	① ③ ⑤

■ H Type



Dimension(mm)	
L	2.00±0.15
W	1.25±0.15
T	0.95±0.15

Terminal	
Common	②
Low Band	⑧
High Band	④
GND	①③⑤⑥⑦

※ Pin assignment can be changeable

Part Numbering

DX	21	T	F	3L	01
(1)	(2)	(3)	(4)	(5)	(6)

(1) Diplexer
(2) Dimension
(3) Material code
(4) Terminal number (F: 6, H: 8)
(5) Low band: Band 3
High band: L Band
(6) Serial number, pin assignment

* Note : This catalog has only typical specifications because there is no space for defailed specifications.
Please approve our product specifications or transact the approval sheet for product specifications before ordering.

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HHP Diplexer

Part No.	Application	Thickness (mm)	Center Frequency	Insertion Loss (dB) Max.	Attenuation(dB) Min.
DX21TFAG01	APMS / GPS	0.95	859MHz/ 1575MHz	0.5 at 859MHz	15 at 1575MHz
				0.7 at 1575MHz	15 at 859MHz
DX21TFAG02	APMS / GPS	0.95	859MHz/ 1575MHz	0.5 at 859MHz	15 at 1575MHz
				0.7 at 1575MHz	15 at 859MHz
DX21TFAP02	APMS / PCS	0.95	859MHz/ 1920MHz	0.5 at 859MHz	20 at 1920MHz
				0.55 at 1920MHz	20 at 859MHz
DX21TFAP03	APMS / PCS	0.95	859MHz/ 1920MHz	0.5 at 859MHz	20 at 1920MHz
				0.55 at 1920MHz	20 at 859MHz
DX21DFIG01	iden / GPS	1.05	806MHz/ 1576.42MHz	0.65 at 873.5MHz	16 at 1575.42MHz
					16 at 1631MHz
					13 at 1798MHz
				0.70 at 1575.42MHz	17 at 873.5MHz
DX21TFCD01	CDMA / S-DMB	0.95	859MHz/ 2630MHz	0.5 at 859MHz	20 at 2645MHz
				0.6 at 2645MHz	20 at 859MHz
DX21TFCD02	CDMA / S-DMB	0.95	859MHz/ 2630MHz	0.5 at 859MHz	17 at 2630MHz
				0.6 at 2630MHz	20 at 859MHz
DX21TFCL01	CDMA / W-LAN	0.95	859MHz/ 2450MHz	0.5 at 859MHz	20 at 2450MHz
				0.6 at 2450MHz	20 at 859MHz
DX21TFKL01	K-PCS / W-LAN	0.95	1810MHz/ 2450MHz	0.8 at 1810MHz	15 at 2450MHz
				1.0 at 2450MHz	15 at 1810MHz
DX21TFCM01	Cellular/WiMAX	1.00	1368MHz/ 2592.5MHz	1.0 at 1368MHz	15 at 2592.5MHz
				1.2 at 2592.5MHz	15 at 1368MHz

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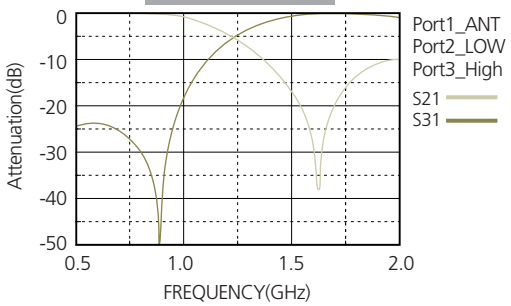
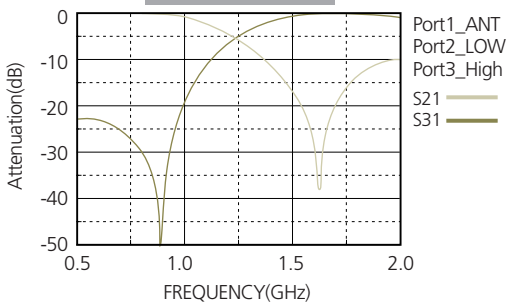
Electrical Characteristics

DX21TFAG01



DX21TFAG02



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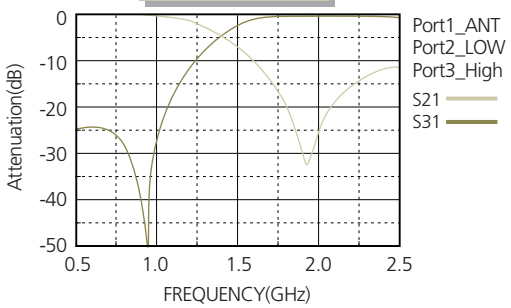
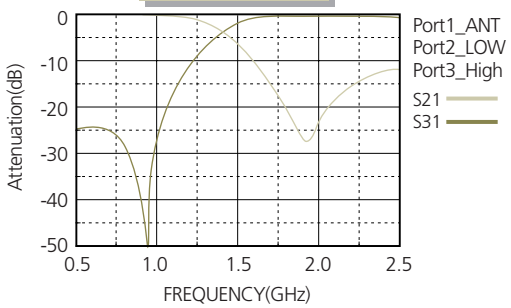
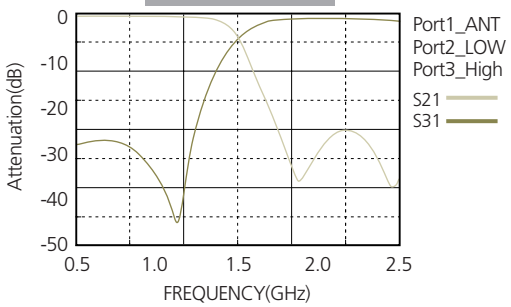


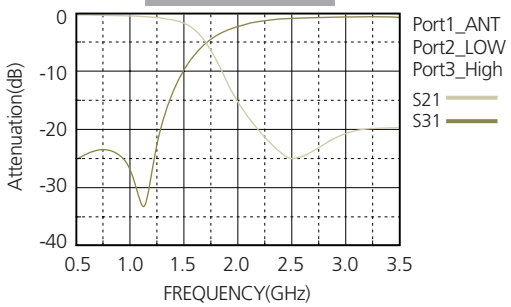
DX21TFAP03



DX21DFIG01



DX21TFCD01



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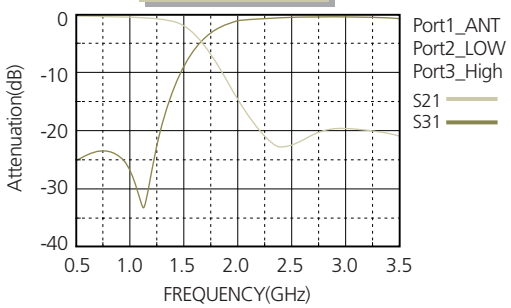
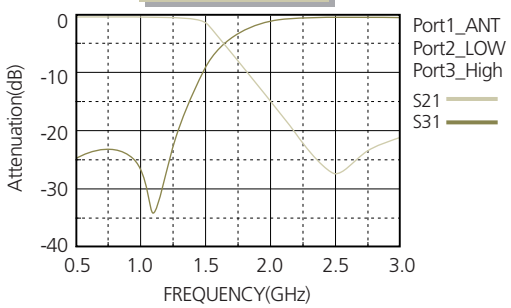
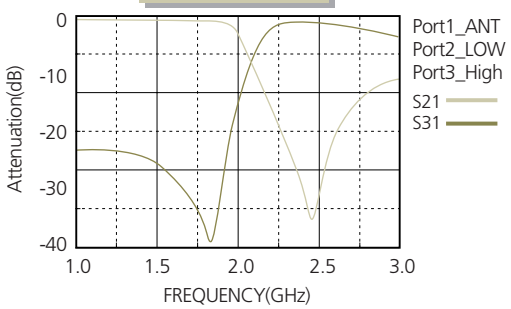


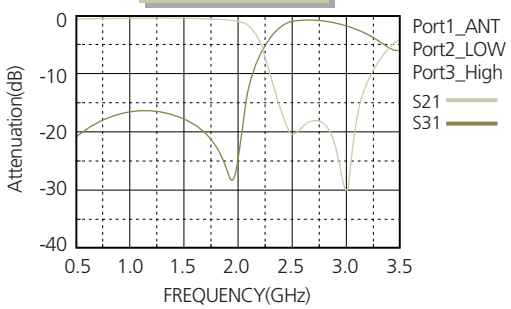
DX21TFCL01



DX21TFKL01



DX21TFCM01



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