



EKSELANS BY ITS

TAPS



DQC 112 · DQC 116
DQC 120 · DQC 124

- ✓ QuiCoax connection system
- ✓ 1 Output
- ✓ Low insertion loss
- ✓ DC pass in trunk line



DQC 112

01



Reduce to minimum installation time

02



No need of tools

03



Guarantees an excellent connected and minimizes the space

04



Very high shielding factor CLASS A throughout the band

05



Eliminate the use of connectors and associated costs

06



QuiCoax, the new Standard of Connection



TECHNICAL TABLE

REFERENCE	DQC 112	DQC 116	DQC 120	DQC 124
CODE	142026	142027	142028	142029
LOSS				
Insertion loss (IN-OUT) 5-47 MHz	<1.4 dB	<1.3 dB	<0.8 dB	<0.7 dB
Insertion loss (IN-OUT) 47-950 Mhz	<1.4 dB	<1.3 dB	<0.8 dB	<0.7 dB
Insertion loss (IN-OUT) 950-2150 MHz	<2.1 dB	<2dB	<1.8dB	<1,7dB
Insertion loss (IN-OUT) 2150-2400 Mhz	<2.5 dB	<2.2 dB	<2 dB	<1,9 dB
Tap loss (IN-TAP) 5-47 MHz	12 dB ±1.5 dB	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
Tap loss (IN-TAP) 47-950 Mhz	12 dB ±1.5 dB	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
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RETURN LOSS				
Return loss 5-47 MHz	>14 dB	>15 dB	>15 dB	>17 dB
Return loss 47-950 MHz	>15 dB	>15 dB	>15 dB	>18 dB
Return loss 950-2150 MHz	>12 dB	>12 dB	>12 dB	>15 dB
Return loss 2150-2400 MHz	>12 dB	>10 dB	>10 dB	>12 dB
OPERATIONAL				
Impedance	75 Ω			
Application	SAT, MATV 2.4Ghz +DC			
Screening Efficiency	EN50083-2 Class A +10dB			
DC Passthrough	Yes (max. 500mA)			
Environment	Indoor			
CABLE CONNECTION				
Number of inputs	1			
Number of outputs	1			
Number of taps	1			
Connection Type	QuiCoax			
MECHANICAL				
Product Depth	16 mm			
Product Height	32 mm			
Product Width	60 mm			
Packing QTY	1			
Net Weight	0.051 kg			

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Test of: Coupling transfer function (Ed.2)

Information for test

Test Job: 3000 Operator: J.M. Measurement: 05.02.2020 11:47:46
 Test set-up: triaxial cell 1000/150+TEPASS 3000 A++
 Remark: triaxial cell 1000/150

Device under test

Item Number: 0000 Cable type: EK RQC 2-1 cell 1000/15
 Type: coaxial Zw: 75.0 Ohm
 Test length: 1.00 m Eps r: 1.5



Test parameter

Start frequency: 10.0 kHz	Gen. Power: 0.0 dBm	Add. parameter of transfer impedance:
Stop frequency: 3.0 GHz	Atten.(P1/P2): 0.0 dB	Test-setup: Short-Matched
Number of points: 801		R1(Z1): 75.0 Ohm
Distance of points: log		R2: 0.0 Ohm Eps r2: 0.0
IF-BW: 10 Hz		Rp: - - - Z2: 0.0 Ohm
Z(NWA): 50.0 Ohm		Rs: - - - lex: 0.0 m

Test diagram

Coupling transfer function (Ed.2) EK RQC 2-1 cell 1000/15

