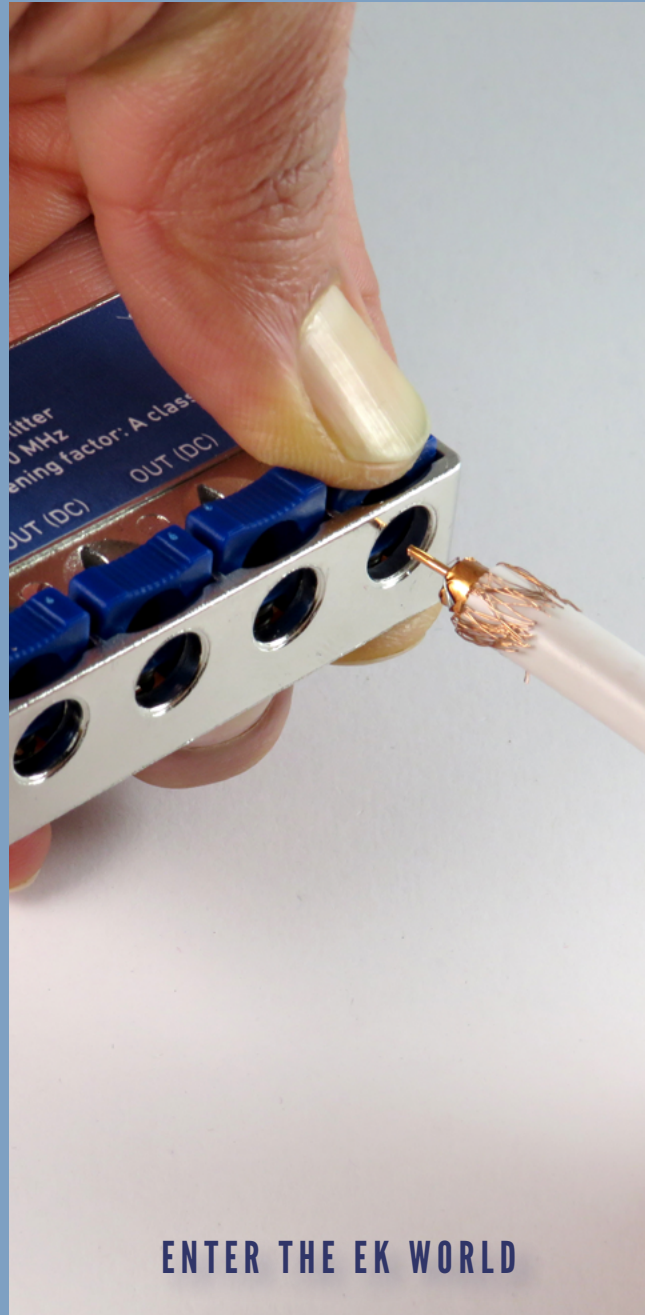




EKSELANS BY ITS



THE NEW CONNECTION STANDARD FOR COAXIAL CABLES



ENTER THE EK WORLD

· JUST CONNECT IT ·

01



Reduce to minimum
installation time

02



No need
of **tools**

03



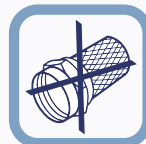
Guarantees
an **excellent
connection** and
minimizes the
space

04



Very high
shielding factor
CLASS A +10dB
throughout the
band

05



Eliminate the
use of **connec-
tors** and associa-
ted **costs**

06



QuiCoax,
the new
**Standard of
Connection**

QuiCoax®

· JUST CONNECT IT ·

INTERNATIONAL
PATENT





MINI SPLITTERS

RQC 2M

REFERENCE	RQC 2M
CODE	141009
LOSS	
Insertion loss (IN-OUT) 5-47 MHz	<3.5 dB
Insertion loss (IN-OUT) 47-950 MHz	<4.0 dB
Insertion loss (IN-OUT) 950-2150 MHz	<5.5 dB
Insertion loss (IN-OUT) 2150-2400 Mhz	<6.0 dB
ISOLATION	
Isolation (OUT-OUT) 5-47 MHz	>35 dB
Isolation (OUT-OUT) 47-950 MHz	>30 dB
Isolation (OUT-OUT) 950-2150 MHz	>22 dB
Isolation (OUT-OUT) 2150-2400 MHz	>20 dB
RETURN LOSS	
Return loss 5-47 MHz	>15 dB
Return loss 47-950 MHz	>15 dB
Return loss 950-2150 MHz	>15 dB
Return loss 2150-2400 MHz	>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	2
Connection Type	QuiCoax
MECHANICAL	
Product Depth	16 mm
Product Height	38 mm
Product Width	75 mm
Packing QTY	1
Net Weight	0,081kg

- ✓ QuiCoax connection system
- ✓ 2 Outputs
- ✓ Low insertion loss
- ✓ DC pass
- ✓ MINI format



SPLITTERS

RQC 2 · RQC 3 · RQC 4 · RQC 6 · RQC 8

- ✓ QuiCoax connection system
- ✓ 2/3/4/6/8 Outputs
- ✓ Low insertion loss
- ✓ DC pass



REFERENCE	RQC 2	RQC 3	RQC 4	RQC 6	RQC 8
CODE	141010	141011	141016	141017	141018
LOSS					
Insertion loss (IN-OUT) 5-47 MHz	<3.5 dB	<6 dB	<7.4 dB	<10.5 dB	<12 dB
Insertion loss (IN-OUT) 47-950 Mhz	<4.0 dB	<6.7 dB	<8 dB	<10.5 dB	<12 dB
Insertion loss (IN-OUT) 950-2150 MHz	<5.5 dB	<9 dB	<10 dB	<11.5 dB	<13.8 dB
Insertion loss (IN-OUT) 2150-2400 Mhz	<6.0 dB	<9.3 dB	<10.3 dB	<12 dB	<14 dB
ISOLATION					
Isolation (OUT-OUT) 5-47 MHz	>35 dB	>30 dB	>30 dB	>30 dB	>30 dB
Isolation (OUT-OUT) 47-950 MHz	>30 dB	>30 dB	>30 dB	>30 dB	>30 dB
Isolation (OUT-OUT) 950-2150 MHz	>22 dB	>25 dB	>30 dB	>25 dB	>24 dB
Isolation (OUT-OUT) 2150-2400 MHz	>20 dB	>24 dB	>30 dB	>24 dB	>22 dB
RETURN LOSS					
Return loss 5-47 MHz	>15 dB	>12 dB	>12 dB	>16 dB	>16 dB
Return loss 47-950 MHz	>15 dB	>15 dB	>15 dB	>15 dB	>15 dB
Return loss 950-2150 MHz	>15 dB	>12 dB	>15 dB	>12 dB	>12 dB
Return loss 2150-2400 MHz	>12 dB	>12 dB	>15 dB	>12 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	2	3	4	6	8
Connection Type	QuiCoax				
MECHANICAL					
Product Depth	16 mm	16 mm	16 mm	16 mm	16 mm
Product Height	38 mm	38 mm	38 mm	42 mm	42 mm
Product Width	75 mm	75 mm	103 mm	159 mm	159 mm
Packing QTY	1				
Net Weight	0,081kg	0,081kg	0,114kg	0,177 kg	0,177 kg

MINI TAPS

DQC 112 · DQC 116 · DQC 120 · DQC 124

REFERENCE	DQC 112	DQC 116	DQC 120	DQC 124
CODE	141026	141027	141028	141029
LOSS				
Insertion loss (IN-OUT) 5-47 MHz	<1.3 dB	<1 dB	<0.7 dB	<0.6 dB
Insertion loss (IN-OUT) 47-950 Mhz	<1.4 dB	<1.1 dB	<0.8 dB	<0.7 dB
Insertion loss (IN-OUT) 950-2150 MHz	<2.4 dB	<2dB	<2.1dB	<2dB
Insertion loss (IN-OUT) 2150-2400 Mhz	<2.6 dB	<2.1 dB	<2.2 dB	<2.1 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
Tap loss (IN-TAP) 950-2150 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) 2150-2400 MHz	12 dB ±1.5 dB	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
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			

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



TAPS



DQC 212 · DQC 216 · DQC 220 · DQC 224

- ✓ QuiCoax connection system
- ✓ 2 Outputs
- ✓ Low insertion loss
- ✓ DC pass in trunk line



REFERENCE	DQC212	DQC216	DQC220	DQC224
CODE	141012	141013	141014	141015
LOSS				
Insertion loss (IN-OUT) 5-47 MHz	<2.3 dB	<1.1 dB	<0.8 dB	<0.5 dB
Insertion loss (IN-OUT) 47-950 MHz	<2.4 dB	<1.2 dB	<0.9 dB	<0.6 dB
Insertion loss (IN-OUT) 950-2150 MHz	<4 dB	<2dB	<1.2dB	<1dB
Insertion loss (IN-OUT) 2150-2400 MHz	<4.3 dB	<2.2 dB	<1.7 dB	<1.6 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
Tap loss (IN-TAP) 950-2150 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) 2150-2400 MHz	12 dB ±1.5 dB	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
ISOLATION				
Isolation (TAP-TAP) 5-47 MHz	>35 dB	>28 dB	>29 dB	>28dB
Isolation (TAP-TAP) 47-950 MHz	>30 dB	>28 dB	>29 dB	>28 dB
Isolation (TAP-TAP) 950-2150 MHz	>20 dB	>28 dB	>22 dB	>24 dB
Isolation (TAP-TAP) 2150-2400 MHz	>18 dB	>22 dB	>29 dB	>24 dB
Isolation (TAP-OUT) 5-47 MHz	>28 dB	>28 dB	>35 dB	>40 dB
Isolation (TAP-OUT) 47-950 MHz	>25 dB	>25 dB	>35 dB	>40 dB
Isolation (TAP-OUT) 950-2150 MHz	>22 dB	>25 dB	>28 dB	>30 dB
Isolation (TAP-OUT) 2150-2400 MHz	>22 dB	>24 dB	>26 dB	>30 dB
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	75 Ω	75 Ω	75 Ω
Application	SAT, MATV 2.4Ghz +DC	SAT, MATV 2.4Ghz +DC	SAT, MATV 2.4Ghz +DC	SAT, MATV 2.4Ghz +DC
Screening Efficiency	EN50083-2 Class A +10dB	EN50083-2 Class A +10dB	EN50083-2 Class A +10dB	EN50083-2 Class A +10dB
DC Passthrough	Yes (max. 500mA)	Yes (max. 500mA)	Yes (max. 500mA)	Yes (max. 500mA)
Environment	Indoor	Indoor	Indoor	Indoor
CABLE CONNECTION				
Number of inputs	1	1	1	1
Number of outputs	1	1	1	1
Number of taps	2	2	2	2
Connection Type	QuiCoax			
MECHANICAL				
Product Depth	16 mm			
Product Height	38 mm			
Product Width	75 mm			
Packing QTY	1			
Net Weight	0,081kg			

DQC 412 · DQC 416 · DQC 420 · DQC 424

- ✓ QuiCoax connection system
- ✓ 4 Outputs
- ✓ Low insertion loss
- ✓ DC pass in trunk line

REFERENCE	DQC412	DQC416	DQC420	DQC424
CODE	142016	142017	142018	142019
LOSS				
Insertion loss (in-out) 5-47 MHz	<3 dB	<2.5 dB	<1.3 dB	<0.5 dB
Insertion loss (in-out) 47-950 MHz	<4.1 dB	<2.6 dB	<1.6 dB	<0.8 dB
Insertion loss (in-out) 950-2150 MHz	<4.5 dB	<3.2 dB	<2.5 dB	<1.5 dB
Insertion loss (in-out) 2150-2400 MHz	<4.7 dB	<3.6 dB	<3.1 dB	<2.2 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
Tap loss (in-tap) 950-2150 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) 2150-2400 MHz	12 dB ±1.5 dB	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
ISOLATION				
Isolation (tap-tap) 5-47 MHz	>25 dB	>25 dB	>25 dB	>25 dB
Isolation (tap-tap) 47-950 MHz	>30 dB	>22 dB	>23 dB	>25 dB
Isolation (tap-tap) 950-2150 MHz	>26 dB	>20 dB	>23 dB	>25 dB
Isolation (tap-tap) 2150-2400 MHz	>22 dB	>20 dB	>25 dB	>28 dB
Isolation (tap-out) 5-47 MHz	>35 dB	>23 dB	>35 dB	>35 dB
Isolation (tap-out) 47-950 MHz	>30 dB	>23 dB	>30 dB	>30 dB
Isolation (tap-out) 950-2150 MHz	>32 dB	>24 dB	>24 dB	>30 dB
Isolation (tap-out) 2150-2400 MHz	>32 dB	>25 dB	>24 dB	>28 dB
RETURN LOSS				
Return loss 5-47 MHz	>12 dB	>15 dB	>15 dB	>15 dB
Return loss 47-950 MHz	>14 dB	>15 dB	>15 dB	>15 dB
Return loss 950-2150 MHz	>12 dB	>15 dB	>15 dB	>15 dB
Return loss 2150-2400 MHz	>12 dB	>12 dB	>12 dB	>12 dB
OPERATIONAL				
Impedance	75 Ω	75 Ω	75 Ω	75 Ω
Application	SAT, MATV 2.4Ghz +DC	SAT, MATV 2.4Ghz +DC	SAT, MATV 2.4Ghz +DC	SAT, MATV 2.4Ghz +DC
Screening Efficiency	EN50083-2 Class A +10dB	EN50083-2 Class A +10dB	EN50083-2 Class A +10dB	EN50083-2 Class A +10dB
DC Passthrough	Yes (max. 500mA)	Yes (max. 500mA)	Yes (max. 500mA)	Yes (max. 500mA)
Environment	Indoor	Indoor	Indoor	Indoor
CABLE CONNECTION				
Number of inputs	1	1	1	1
Number of outputs	1	1	1	1
Number of taps	4	4	4	4
Connection Type	QuiCoax	QuiCoax	QuiCoax	QuiCoax
MECHANICAL				
Product Depth	16 mm	16 mm	16 mm	16 mm
Product Height	38 mm	38 mm	38 mm	38 mm
Product Width	103 mm	103 mm	103 mm	103 mm
Packing QTY	1	1	1	1
Net Weight	0,114kg	0,114kg	0,114kg	0,114kg



DQC 412

TAPS



Ek

DQC 616 · DQC 620 · DQC 624

- ✓ QuiCoax connection system
- ✓ 6 Outputs
- ✓ Low insertion loss
- ✓ DC pass in trunk line



DQC 616

REFERENCE	DQC616	DQC620	DQC624
CODE	142020	142021	142022
LOSS			
Insertion loss (in-out) 5-47 MHz	<4.1 dB	<1.8 dB	<1.1 dB
Insertion loss (in-out) 47-950 Mhz	<4.1 dB	<2.7 dB	<1.8 dB
Insertion loss (in-out) 950-2150 MHz	<4.2 dB	<3.6 dB	<2.5 dB
Insertion loss (in-out) 2150-2400 Mhz	<4.4 dB	<3.9dB	<2.8 dB
Tap loss (in-tap) 5-47 MHz	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
Tap loss (in-tap) 47-950 Mhz	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
Tap loss (in-tap) 950-2150 MHz	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
Tap loss (in-tap) 2150-2400 Mhz	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
ISOLATION			
Isolation (tap-tap) 5-47 MHz	>25 dB	>25 dB	>25 dB
Isolation (tap-tap) 47-950 MHz	>22 dB	>23 dB	>25 dB
Isolation (tap-tap) 950-2150 MHz	>20 dB	>23 dB	>25 dB
Isolation (tap-tap) 2150-2400 MHz	>20 dB	>25 dB	>28 dB
Isolation (tap-out) 5-47 MHz	>23 dB	>35 dB	>35 dB
Isolation (tap-out) 47-950 MHz	>23 dB	>30 dB	>30 dB
Isolation (tap-out) 950-2150 MHz	>24 dB	>24 dB	>30 dB
Isolation (tap-out) 2150-2400 MHz	>25 dB	>24 dB	>28 dB
RETURN LOSS			
Return loss 5-47 MHz	>15 dB	>15 dB	>15 dB
Return loss 47-950 MHz	>15 dB	>15 dB	>15 dB
Return loss 950-2150 MHz	>15 dB	>15 dB	>15 dB
Return loss 2150-2400 MHz	>12 dB	>12 dB	>12 dB
OPERATIONAL			
Impedance	75 Ω	75 Ω	75 Ω
Application	SAT, MATV 2.4Ghz +DC	SAT, MATV 2.4Ghz +DC	SAT, MATV 2.4Ghz +DC
Screening Efficiency	EN50083-2 Class A +10dB	EN50083-2 Class A +10dB	EN50083-2 Class A +10dB
DC Passthrough	Yes (max. 500mA)	Yes (max. 500mA)	Yes (max. 500mA)
Environment	Indoor	Indoor	Indoor
CABLE CONNECTION			
Number of inputs	1	1	1
Number of outputs	1	1	1
Number of taps	6	6	6
Connection Type	QuiCoax	QuiCoax	QuiCoax
MECHANICAL			
Product Depth	16 mm	16 mm	16 mm
Product Height	38 mm	38 mm	38 mm
Product Width	103 mm	103 mm	103 mm
Packing QTY	1	1	1
Net Weight	0,114kg	0,114kg	0,114kg

DQC 816 · DQC 820 · DQC 824

- ✓ QuiCoax connection system
- ✓ 8 Outputs
- ✓ Low insertion loss
- ✓ DC pass in trunk line



REFERENCE	DQC816	DQC820	DQC824
CODE	142023	142024	142025
LOSS			
Insertion loss (in-out) 5-47 MHz	<4.1 dB	<1.8 dB	<1.1 dB
Insertion loss (in-out) 47-950 Mhz	<4.1 dB	<2.7 dB	<1.8 dB
Insertion loss (in-out) 950-2150 MHz	<4.2 dB	<3.6 dB	<2.5 dB
Insertion loss (in-out) 2150-2400 Mhz	<4.4 dB	<3.9dB	<2.8 dB
Tap loss (in-tap) 5-47 MHz	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
Tap loss (in-tap) 47-950 Mhz	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
Tap loss (in-tap) 950-2150 MHz	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
Tap loss (in-tap) 2150-2400 MHz	16 dB ±1.5 dB	20 dB ±1.5 dB	24 dB ±1.5 dB
ISOLATION			
Isolation (tap-tap) 5-47 MHz	>30 dB	>28 dB	>30 dB
Isolation (tap-tap) 47-950 MHz	>31 dB	>33 dB	>35 dB
Isolation (tap-tap) 950-2150 MHz	>32 dB	>40 dB	>40 dB
Isolation (tap-tap) 2150-2400 MHz	>35 dB	>35 dB	>35 dB
Isolation (tap-out) 5-47 MHz	>32 dB	>20 dB	>33 dB
Isolation (tap-out) 47-950 MHz	>36 dB	>18 dB	>29 dB
Isolation (tap-out) 950-2150 MHz	>32 dB	>20 dB	>29 dB
Isolation (tap-out) 2150-2400 MHz	>35 dB	>21 dB	>28 dB
RETURN LOSS			
Return loss 5-47 MHz	>14 dB	>15 dB	>15 dB
Return loss 47-950 MHz	>14 dB	>15 dB	>15 dB
Return loss 950-2150 MHz	>15 dB	>15 dB	>15 dB
Return loss 2150-2400 MHz	>15 dB	>14 dB	>14 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	8		
Connection Type	QuiCoax		
MECHANICAL			
Product Depth	16 mm		
Product Height	42 mm		
Product Width	159 mm		
Packing QTY	1		
Net Weight	0,177kg		

MIXERS

MQC TS

- ✓ QuiCoax connection system
- ✓ 2 Inputs TER-SAT
- ✓ Low insertion loss
- ✓ SAT inputs with DC pass



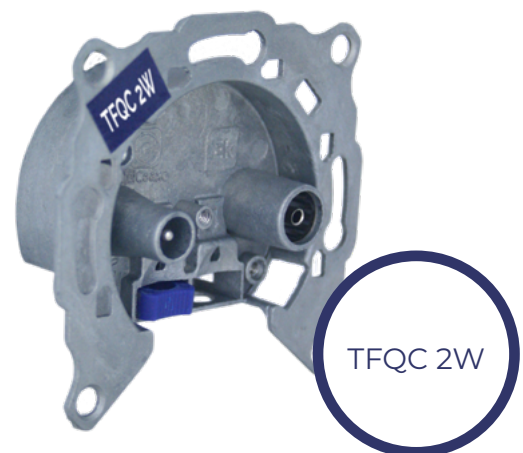
REFERENCE		MQC TS	
Code		131005	
Inputs		TER	SAT
Frequency range	MHz	5-862	950-2300
Insertion loss	dB	1	1,5
Rejection	dB	30	25
DC Pass	mA	-	500
Outputs	N°	1= TER + SAT	
Shielding factor		Class A +10dB	

WALL-SOCKETS

TFQC 2W · TFQC 2 · TFQC 3 · TF QC1G

REFERENCE		TFQC 2W	TFQC 2	TFQC 3	TFQC 1G
Code		145102	145100	145101	145103
Type		Terminal tap type	Terminal tap type	Terminal tap type	Terminal tap type
Frequency range					
Input IEC Male	MHz	5-694	5-694	5-65 / 120-694	5-65 + 120-1000
Input IEC Female	MHz	950-2400	950-2400	88-108	88-108
Input F Female	MHz	-	-	950-2400	-
Insertion loss (TYP)	dB	<1 TV <1,5 SAT	<1 TV <1,5 SAT	<1 TV <1,5 SAT <5 FM	<1 TV <5 FM
Isolation (MIN)		16/20 (TER/SAT)	16/20 (TER/SAT)	16/20 (TER/SAT)	30/40 (TER/RD)
DC Pass					
Male IEC / Input		x	x	x	x
Female IEC / Input		√	√	x	x
Female F / Input		-	-	√	-
Coaxial cable					
Inner conductor diameter range	mm	0,8 - 1,3			
Cable diameter range	mm	5,8 - 7,0			
Included fixing clamps		x	√	√	√

- √ QuiCoax connection system
- √ Quick and easy connection
- √ Low insertion loss
- √ DC pass in trunk line





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ACCESSORIES

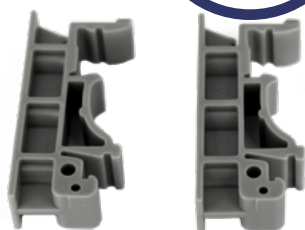


CF QC



FA QC 12 on DIN rail with AMCD

AMCD



PCA 4QC

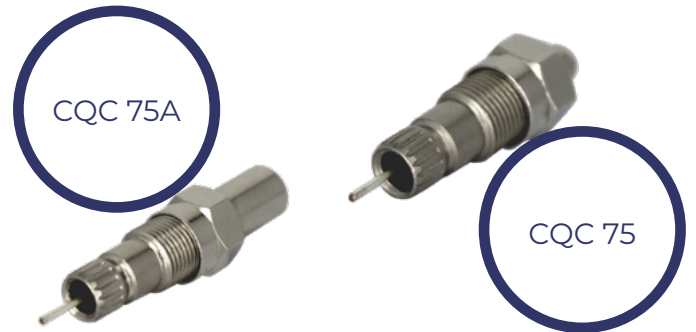


NEW

CODE	REFERENCE	DESCRIPTION
146001	CFQC	QUICOAX F-connector. A Class+10dB. BL QC included.
059001	AMCD	DIN rail fixing accessory
167007	PCA 4QC	Cable stripping tool compatible with QUICOAX

ACCESSORIES

CODE	REFERENCE	DESCRIPTION
163004	AQC F	QUICOAX. Male adapter to F female
163008	CQC 75	75 Ohm load for QUICOAX devices
163008	CQC 75A	75 Ohm isolated load for QUICOAX devices
163006	BL QC	Blocker/stopper for high traction requirements
167004	PC QC	Stripping tool for QUICOAX





Ek

POWER SUPPLIES

FA QC 24 · FA QC 242 · FA QC 12 · FA QC 122

- ✓ Switched power supplies
- ✓ Ultra-compact size
- ✓ Suitable for 80x80mm junction box
- ✓ Easy to install, just a few seconds
- ✓ Quicoax connection system
- ✓ High Protection QuiCoax zamak case
- ✓ Working led indicator
- ✓ **New generation quicoax system, even easier connection**

REFERENCE		FA QC 24	FA QC 242	FA QC 12	FA QC 122
Code		053003	053004	053001	053002
Outputs	N°	1	2	1	2
Frequency range	MHz	47-1000	47-1000	47 - 2150	47 - 2150
Insertion loss	dB	<2	<4	<2	<4
Output voltage	Vdc	24	24	12 / 13-18	12 / 13-18
Maximum current output	mA	150	150	250	300
Power supply	Vac	100/240	100/240	100/240	100/240
Dimensions	mm	62 x 60 x 22			



80x 80 mm junction box installation

POWER SUPPLIES

FA QC 242SC · FA QC 12SC

NEW

REFERENCE		FA QC 12SC	FA QC 242SC
Code		053006	053007
Outputs	N°	1	2
Frequency range	MHz	47-2400*	47-862
Output voltage	dB	1	<4
Maximum current output	Vdc	12	24
Power supply	mA	300	150
Input voltage	Vac	100-240	

- ✓ Switched power supplies
- ✓ Ultra-compact size
- ✓ Switched power supply with removable terminal (without power cable).
- ✓ Easy to install, just a few seconds
- ✓ Quicoax connection system
- ✓ Zamak quicoax case high protection
- ✓ Working led indicator
- ✓ New generation quicoax system, even easier connection



MICRO INDOOR AMPLIFIERS

AA QC 211 · AA QC 182

- ✓ Switched power supplies
- ✓ Ultra Compact Size
- ✓ Suitable for 80x80mm junction box
- ✓ Easy to install, just a few seconds
- ✓ Quicoax connection system
- ✓ High protection QuiCoax zamak case
- ✓ Working led indicator
- ✓ New generation quicoax system, even easier connection
- ✓ Its very high saturation level allows simultaneous treatment of weak signals with other very powerful without intermodulating



REFERENCE		AA QC 211	AA QC 182
Code		111011	111012
Inputs	N.	1	1
Outputs	N.	1	2
Frequency Range	MHz	47 -694	47 -694
Gain	dB	21	18
Regulation	dB	10	10
Output Level DIN 45004B	dBμV	114	2 x 110
Return Loss	dB	>10	>10
Noise Figure	dB	<3	<3
Power Supply	V	100-240	100-240
Power Consumption	W	0,9	0,9

MULTISWITCHES

MS QC 585 · MS QC 58 · MS QC 512

REFERENCE			MS QC 585	MS QC 58	MS QC 512
Code			090011	090012	090013
Type	Cascade / Expansion		x		
	stand-alone/end-cascade			x	x
Inputs			5 (1x TER + 4x SAT)		
Outputs	User	Num.	8	8	12
	Cascade		5	-	-
Frequency range	TER	MHz	5 - 790		
	SAT		950 - 2150		
Derivation losses	SAT	dB	0 ± 3	0 ± 3	0 ± 3
	TER		21 ± 2	21 ± 2	25 ± 2
Insertion loss trunk	SAT	dB	<3,5	-	-
	TER		<3	-	-
Maximum output level (DIN 45004B-35dBc)	SAT	dBµV	100	100	100
Isolation	Between inputs (SAT-SAT)	dB	>28	>28	>28
	Between inputs (SAT-TER)		>30	>30	>30
Power (external)	LNB	mA	210 (max) / LNB		
	Amplification TER		ON/OFF DC PASS		
	Line amplifiers (AMP)	Vdc	12		
External power consumption	LNBs	mA	210		
	Mast amplifier TER		70		
Consumption from STB	Multiswitch		< 40 / Active STB		
Working temperature		°C	-20...+60		
Dimensions (W x H x D)		mm	120 x 120 x 35	120 x 120 x 35	120 x 120 x 35

- ✓ QuiCoax connection system
- ✓ Compact size
- ✓ Terrestrial band with passive return filter. Compatible with the **EKOAX** system for internet distribution via coaxial cable.
- ✓ Active satellite band.
- ✓ High output level
- ✓ Excellent linearity in all its bands and outputs.
- ✓ Optimized for LTE.
- ✓ 12Vdc power supply
- ✓ Selectable DC PASS ON/OFF on terrestrial line for pre-amplifiers
- ✓ Minimal consumption with user's receiver in stand-by mode
- ✓ Optimization of space and ease of work.
- ✓ Very high shielding factor
- ✓ Mechanics allow cables to be passed behind the equipment



MULTISWITCHES

MS QC 516 · MS QC 520 · MS QC 524 · MS QC 528

- ✓ QuiCoax connection system
- ✓ Compact size
- ✓ Terrestrial band with passive return filter. Compatible with the **EKOAX** system for internet distribution via coaxial cable.
- ✓ Active satellite band.
- ✓ High output level
- ✓ Excellent linearity in all its bands and outputs.
- ✓ Optimized for LTE.
- ✓ 12Vdc power supply
- ✓ Selectable DC PASS ON/OFF on terrestrial line for pre-amplifiers
- ✓ Minimal consumption with user's receiver in stand-by mode
- ✓ Optimization of space and ease of work.
- ✓ Very high shielding factor
- ✓ Mechanics allow cables to be passed behind the equipment



MS QC 516

MS QC 528

REFERENCE			MS QC 516	MS QC 520	MS QC 524	MS QC 528
Code			090015	090016	090017	090018
Type	stand-alone/ end-cascade		✓	✓	✓	✓
Inputs		Num.	5 (1x TER + 4x SAT)			
Outputs	User		16	20	24	28
Frequency range	TER	MHz	5 - 790			
	SAT		950 - 2150			
Derivation losses	TER	dB	17 ± 2 (1-8)	17 ± 2 (1-8)	17 ± 2 (1-8)	17 ± 2 (1-8)
	TER		19 ± 2 (9-16)	20 ± 2 (9-20)	19 ± 2 (9-16)	19 ± 2 (9-16)
	TER		X	X	21 ± 2 (17-24)	22 ± 2 (17-28)
	SAT		0 ± 3 (1-8)	0 ± 3 (1-8)	0 ± 3 (1-8)	0 ± 3 (1-8)
	SAT		3 ± 3 (9-16)	3 ± 3 (9-20)	3 ± 3 (9-16)	3 ± 3 (9-16)
	SAT		X	X	3 ± 3 (17-24)	3 ± 3 (17-28)
Maximum output level (DIN 45004B-35dBc)	SAT	dBµV	100			
Isolation	Between inputs (SAT-SAT)	dB	>28	>28	>28	>28
	Between inputs (SAT-TER)		>30	>30	>30	>30
Power (external)	LNB	mA	210 (max) / LNB			
	Amplification TER		ON/OFF DC PASS			
	Line amplifiers (AMP)	Vdc	12			
External power consumption	LNBs	mA	300			
	Mast amplifier TER		70			
Consumption from STB	Multiswitch		< 40 /Active STB			
Working temperature		°C	-20...+60			
Dimensions (W x H x D)		mm	243 x 120 x 35	243 x 120 x 35	366 x 120 x 35	366 x 120 x 35

MULTISWITCHES

QUICOAX

MS QC 516E · MS QC 520E

NEW

REFERENCE			MS QC 516E	MS QC 520E
Code			090029	090030
Type	Star / Waterfall End		√	
Inputs		Num.	5 (1x TER + 4x SAT)	
User outputs			16	20
Frequency range	TER	MHz	5 - 790	
	SAT		950 - 2150	
Derivation losses	SAT	dB	0 ± 3	0 ± 3
	TER		21 ± 2	23 ± 2
Maximum output level (DIN 45004B-35dBc)	SAT	dBμV	100	100
Isolation	Between inputs (SAT-SAT)	dB	>28	>28
	Between inputs (SAT-TER)		>30	>30
Power supply (12 Vdc external)	LNB	mA	400 (max) / LNB	
	TER		ON/OFF	
	Line amplifiers (AMP)	Vdc	12	
Consumption from STB	Multiswitch	mA	< 40 / STB Active	
Work temperature		°C	-20...+60	

- √ QuiCoax connection system
- √ Compact size
- √ Terrestrial band with passive return filter. Compatible with the **EKOAX** system for internet distribution via coaxial cable.
- √ Active satellite band.
- √ High output level
- √ Excellent linearity in all its bands and outputs.
- √ Optimized for LTE.
- √ 12Vdc power supply
- √ They allow the power supply of pre-amplifiers by means of the ON / OFF switch.
- √ Minimum consumption of the multiswitch when the receiver of a user output goes into stand-by.
- √ Optimization of space and ease of work.
- √ Very high shielding factor
- √ Mechanics allow cables to be passed behind the equipment



MS QC 516E



MS QC 520E



Ek

MULTISWITCHES QUICOAX

MS QC 989 · MS QC 98 · MS QC 916

NEW

- ✓ QuiCoax connection system
- ✓ Compact size
- ✓ Terrestrial band with passive return filter. Compatible with the **EKOAX** system for internet distribution via coaxial cable.
- ✓ Active satellite band.
- ✓ High output level
- ✓ Excellent linearity in all its bands and outputs.
- ✓ Optimized for LTE.
- ✓ 12Vdc power supply
- ✓ They allow the power supply of pre-amplifiers by means of the ON / OFF switch.
- ✓ Minimum consumption of the multiswitch when the receiver of a user output goes into stand-by.
- ✓ Optimization of space and ease of work.
- ✓ Very high shielding factor
- ✓ Mechanics allow cables to be passed behind the equipment

REFERENCE			MS QC 989	MS QC 98	MS QC 916
Code			090033	090031	090032
Type	Cascade / Expansion		x		
	Star / Waterfall End			x	x
Inputs			9 (1x TER + 8x SAT)		
Outputs	User	Num.	8	8	16
	Cascade		9	-	-
Frequency range	TER	MHz	5 - 790		
	SAT		950 - 2150		
Derivation losses	SAT	dB	0 ± 3	0 ± 3	0 ± 3
	TER		23 ± 2	16 ± 2	21 ± 2
Insertion loss trunk	SAT	dB	<3,5	-	-
	TER		<3	-	-
Maximum output level (DIN 45004B-35dBc)	SAT	dBµV	100	100	100
Isolation	Between inputs (SAT-SAT)	dB	>28	>28	>28
	Between inputs (SAT-TER)		>30	>30	>30
Power supply (12 Vdc external)	LNB	mA	600 (max) / LNB		
	TER		ON/OFF		
	Line amplifiers (AMP)	Vdc	12		
Consumption from STB	Multiswitch	mA	< 40 / STB active		
Work temperature		°C	-20...+60		



MS QC 916



MS QC 989



EKSELANS BY ITS

EKSELANS by ITS

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