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Walter Krenn  
Hochfrequenztechnik GmbH

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# Coaxial Cables

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Catalog 2006

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## Coaxial Cables

## Catalog 2006

Index:

		∅	page	
<b>50 Ω</b>				
RG 174 /U	Solid Polyethylene Dielectric	0.48 / 1.52	2.54	03
RG 58 C/U	Solid Polyethylene Dielectric	0.90 / 2.95	4.95	04
RG 223 /U	Solid Polyethylene Dielectric	0.90 / 2.95	5.50	05
RG 213 /U	Solid Polyethylene Dielectric	2.25 / 7.25	10.3	06
RG 214 /U	Solid Polyethylene Dielectric	2.25 / 7.25	10.8	07
DT 58/4F	Foam Polyethylene Dielectric	1.05 / 2.95	4.95	08
L45466-B14-C35	Foam Polyethylene Dielectric	1.44 / 3.70	5.50	09
L45466-B18-C56	Foam Polyethylene Dielectric	2.75 / 7.20	10.3	10
MRC 600 AF	Foam Polyethylene Dielectric	4.42/11.56	15.0	11
RG 178 B/U	PTFE Dielectric	0.30 / 0.85	1.85	12
RG 196 A/U	PTFE Dielectric	0.30 / 0.85	2.05	13
RG 316 /U	PTFE Dielectric	0.51 / 1.52	2.50	14
RG 316 /D	PTFE Dielectric	0.51 / 1.52	3.00	15
RG 142 B/U	PTFE Dielectric	0.95 / 2.95	4.95	16
RG 400 /U	PTFE Dielectric	0.95 / 2.95	5.45	17
RG 393	PTFE Dielectric	2.39 / 7.24	9.90	18
<b>75 Ω</b>				
TZC 75024	Solid Polyethylene Dielectric	0.31 / 1.97	3.55	19
11-RJV30/61R-N1	Solid Polyethylene Dielectric	0.48 / 3.40	4.95	20
RG 59 B/U	Solid Polyethylene Dielectric	0.58 / 3.70	6.15	21
0.6 / 3.7 s	Solid Polyethylene Dielectric	0.60 / 3.74	6.20	22
RX 75/10	Solid Polyethylene Dielectric	0.60 / 3.70	6.10	23
0.6 / 3.7 c/Dz	Solid Polyethylene Dielectric	0.60 / 3.74	6.70	24
RG6 A/U	Solid Polyethylene Dielectric	0.72 / 4.70	8.43	25
0.8 / 4.9 c/Dz	Solid Polyethylene Dielectric	0.80 / 5.07	7.50	26
RG11 A/U	Solid Polyethylene Dielectric	1.20 / 7.25	10.30	27
V45466-D13-C15	Foam Polyethylene Dielectric	0.45 / 1.90	3.40	28
RKC 26/20M-V1	Foam Polyethylene Dielectric	0.60 / 2.60	4.60	29
ST 214	Foam Polyethylene Dielectric	0.80 / 3.70	5.80	30
DT 59 / 15X	Foam Polyethylene Dielectric	0.80 / 3.70	5.90	31
DT 06 / 16	Foam Polyethylene Dielectric	1.02 / 4.60	7.00	32
DT 11 / 17	Foam Polyethylene Dielectric	1.63 / 7.20	10.20	33
RG 179 B/U	PTFE Dielectric	0.30 / 1.60	2.54	34
RG 302 /U	PTFE Dielectric	0.64 / 3.70	5.23	35
<b>93 Ω</b>				
RG 62 A/U	Solid Polyethylene Dielectric	0.64 / 3.70	6.15	36
<b>95 Ω</b>				
RG 180 B/U	PTFE Dielectric	0.30 / 2.59	3.68	37



**Coaxial Cable RG174 /U**

Solid Polyethylene Dielectric

**OFL0.00200****Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Miniature
Inner conductor	CW 7 x 0,16 mm, $\varnothing$ 0,48 mm
Insulation material	PE, $\varnothing$ 1,52 mm
Shield	Cu Sn
2 <sup>nd</sup> Shield	-
Jacket	PVC (black), $\varnothing$ 2,54 mm
Weight	11 kg / km
Capacitance	99 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
10 MHz	11,10
50 MHz	19,10
100 MHz	28,30
200 MHz	41,00
400 MHz	53,00
1000 MHz	98,00
3000 MHz	200,00

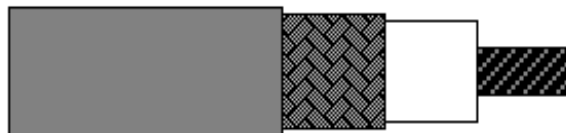


**Coaxial Cable RG58 C/U**

Solid Polyethylene Dielectric

**OFL0.00100****Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Data Transmission
Inner conductor	Cu Sn 19 x 0,18 mm, $\varnothing$ 0,90 mm
Insulation material	PE, $\varnothing$ 2,95 mm
Shield	Cu Sn
2 <sup>nd</sup> Shield	-
Jacket	PVC (black), $\varnothing$ 4,95 mm
Weight	45 kg / km
Capacitance	95 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
10 MHz	4,70
50 MHz	11,20
100 MHz	17,80
200 MHz	24,00
400 MHz	37,50
1000 MHz	60,00
3000 MHz	120,00



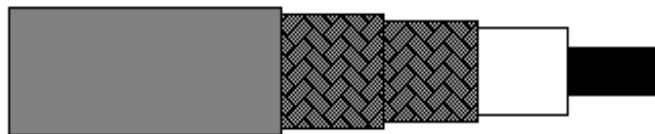
## Coaxial Cable RG223 /U

Solid Polyethylene Dielectric

OFL0.00500

### Specifications:

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Telecommunication
Inner conductor	Cu Ag 1 x 0,90 mm, $\varnothing$ 0,90 mm
Insulation material	PE, $\varnothing$ 2,95 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	Cu Ag
Jacket	PVC (black), $\varnothing$ 5,50 mm
Weight	57 kg / km
Capacitance	97 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
10 MHz	4,50
50 MHz	9,60
100 MHz	14,00
200 MHz	20,20
400 MHz	29,00
1000 MHz	48,00
3000 MHz	100,00



**Coaxial Cable RG213 /U**

Solid Polyethylene Dielectric

**OFL0.00400****Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency
Inner conductor	Cu 7 x 0,75 mm, $\varnothing$ 2,25 mm
Insulation material	PE, $\varnothing$ 7,25 mm
Shield	Cu
2 <sup>nd</sup> Shield	-
Jacket	PVC (black), $\varnothing$ 10,30 mm
Weight	160 kg / km
Capacitance	97 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
10 MHz	1,80
50 MHz	4,60
100 MHz	6,60
200 MHz	10,00
400 MHz	15,00
1000 MHz	28,00
3000 MHz	52,00



**Coaxial Cable RG214 /U**

Solid Polyethylene Dielectric

**OFL0.00800****Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Telecommunication
Inner conductor	Cu 7 x 0,75 mm, $\varnothing$ 2,25 mm
Insulation material	PE, $\varnothing$ 7,25 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	Cu Ag
Jacket	PVC (black), $\varnothing$ 10,80 mm
Weight	192 kg / km
Capacitance	97 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
10 MHz	1,80
50 MHz	4,60
100 MHz	6,60
200 MHz	10,00
400 MHz	15,00
1000 MHz	28,00
3000 MHz	52,00

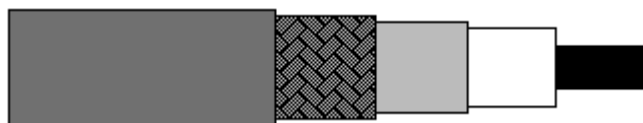


**Coaxial Cable DT 58/4F****OFL1.00118**

Foam Polyethylene Dielectric

**Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Data Transmission
Inner conductor	Cu 1 x 1,05 mm, $\varnothing$ 1,05 mm
Insulation material	PES, $\varnothing$ 2,95 mm
Shield	Al Foil
2 <sup>nd</sup> Shield	Cu Sn
Jacket	PE (black), $\varnothing$ 4,95 mm
Weight	39 kg / km
Capacitance	85 nF / km
Velocity of propagation	80 %
Attenuation dB / 100 m	
10 MHz	3,50
50 MHz	7,90
100 MHz	11,80
200 MHz	16,50
400 MHz	24,00
1000 MHz	39,00
1500 MHz	46,00
1800 MHz	51,00
2000 MHz	55,00
2400 MHz	60,00



Walter Krenn  
Hochfrequenztechnik GmbH

Simmeringer Hauptstraße 421  
1110 Wien, Austria

Tel.: +43-1-748 7117/0  
Fax.: +43-1-748 7117/90

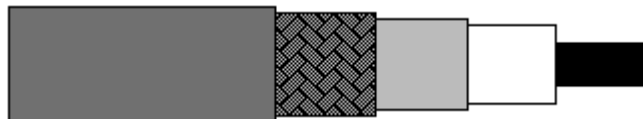


**Coaxial Cable L45466-B14-C35****0FL1.00124**

Foam Polyethylene Dielectric

**Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Data Transmission
Inner conductor	Cu 19 x 0,29 mm, $\varnothing$ 1,44 mm
Insulation material	PES, $\varnothing$ 3, 7 mm
Shield	Al Foil
2 <sup>nd</sup> Shield	Cu Sn
Jacket	PVC (black), $\varnothing$ 5,50 mm
Capacitance	82 nF / km
Velocity of propagation	80 %
Attenuation dB / 100 m	
20 MHz	4,90
50 MHz	6,70
100 MHz	9,10
200 MHz	12,60
500 MHz	20,50
1000 MHz	30,00
1700 MHz	41,40
2000 MHz	45,00

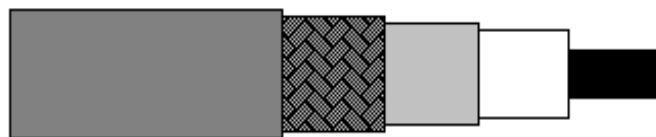


**Coaxial Cable L45466-B18-C56****0FL1.00122**

Foam Polyethylene Dielectric

**Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Data Transmission
Inner conductor	Cu Al 1 x 2,75 mm, $\varnothing$ 2,75 mm
Insulation material	PES, $\varnothing$ 7, 2 mm
Shield	Al Foil
2 <sup>nd</sup> Shield	Cu Sn
Jacket	LSZH (black), $\varnothing$ 10,20 mm
Capacitance	77 nF / km
Velocity of propagation	85 %
Attenuation dB / 100 m	
50 MHz	2,80
100 MHz	4,10
200 MHz	5,70
500 MHz	9,50
1000 MHz	14,00
1500 MHz	18,00
2000 MHz	21,00
2400 MHz	24,00
3000 MHz	28,00
4500 MHz	37,00
5000 MHz	41,00
6000 MHz	45,00

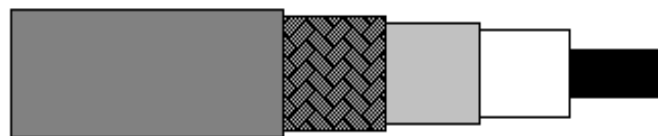


**Coaxial Cable MRC 600 AF****OFL1.00130**

Foam Polyethylene Dielectric

**Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Data Transmission
Inner conductor	Cu 1 x 4,42 mm, $\varnothing$ 4,42 mm
Insulation material	PES, $\varnothing$ 11,56 mm
Shield	Al Foil
2 <sup>nd</sup> Shield	Cu Sn
Jacket	PE (black), $\varnothing$ 15,0 mm
Capacitance	77 nF / km
Velocity of propagation	86 %
Attenuation dB / 100 m	
30 MHz	1,4
150 MHz	3,2
220 MHz	3,9
450 MHz	5,6
900 MHz	8,2
1800 MHz	12,1
2500 MHz	14,5
5200 MHz	22,5
5800 MHz	23,8



**Coaxial Cable RG178 B/U****OFL0.00600**

PTFE Dielectric

**Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Data Transmission, Miniature
Inner conductor	CW Ag 7 x 0,10 mm, $\varnothing$ 0,30 mm
Insulation material	PTFE, $\varnothing$ 0,85 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	-
Jacket	FEP, $\varnothing$ 1,85 mm
Weight	8,5 kg / km
Capacitance	95 nF / km
Velocity of propagation	70 %
Attenuation dB / 100 m	
10 MHz	17,90
50 MHz	31,80
100 MHz	44,90
200 MHz	62,00
400 MHz	92,00
1000 MHz	152,00
3000 MHz	280,00

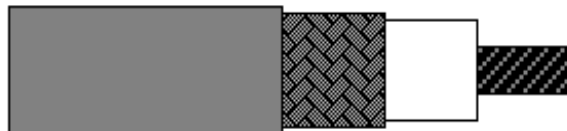


**Coaxial Cable RG196 A/U**

PTFE Dielectric

**OFL0.00700****Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Miniature
Inner conductor	CW Ag 7 x 0,10 mm, $\varnothing$ 0,30 mm
Insulation material	PTFE, $\varnothing$ 0,85 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	-
Jacket	PTFE, $\varnothing$ 2,05 mm
Weight	11 kg / km
Capacitance	95 nF / km
Velocity of propagation	70 %
Attenuation dB / 100 m	
10 MHz	17,90
50 MHz	31,80
100 MHz	44,90
200 MHz	62,00
400 MHz	92,00
1000 MHz	152,00
3000 MHz	280,00



**Coaxial Cable RG316 /U****OFL0.00300**

PTFE Dielectric

**Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Telecommunication
Inner conductor	CW Ag 7 x 0,17 mm, $\varnothing$ 0,51 mm
Insulation material	PTFE, $\varnothing$ 1,52 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	-
Jacket	FEP, $\varnothing$ 2,50 mm
Weight	16 kg / km
Capacitance	95 nF / km
Velocity of propagation	70 %
Attenuation dB / 100 m	
10 MHz	10,00
50 MHz	22,00
100 MHz	29,50
200 MHz	40,00
400 MHz	54,20
1000 MHz	100,00
2000 MHz	155,00
3000 MHz	195,00



**Coaxial Cable RG316 /D****OFL1.00780**

PTFE Dielectric

**Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Telecommunication
Inner conductor	CW Ag 7 x 0,17 mm, $\varnothing$ 0,51 mm
Insulation material	PTFE, $\varnothing$ 1,52 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	Cu Ag
Jacket	FEP, $\varnothing$ 3,00 mm
Weight	23 kg / km
Capacitance	95 nF / km
Velocity of propagation	70 %
Attenuation dB / 100 m	
10 MHz	10,00
50 MHz	22,00
100 MHz	29,50
200 MHz	40,00
400 MHz	54,20
1000 MHz	100,00
3000 MHz	195,00

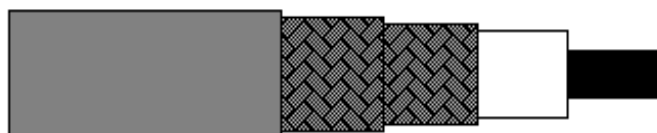


**Coaxial Cable RG142 B/U****OFL0.00045**

PTFE Dielectric

**Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Data Transmission
Inner conductor	CW Ag 1 x 0,95 mm, $\varnothing$ 0,95 mm
Insulation material	PTFE, $\varnothing$ 2,95 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	Cu Ag
Jacket	FEP, $\varnothing$ 4,95 mm
Weight	62 kg / km
Capacitance	95 nF / km
Velocity of propagation	70 %
Attenuation dB / 100 m	
10 MHz	3,60
50 MHz	9,00
100 MHz	12,70
200 MHz	18,30
400 MHz	26,00
1000 MHz	45,10
3000 MHz	89,00



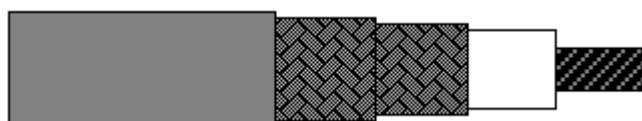


**Coaxial Cable RG400 /U**

PTFE Dielectric

**0FLB204001****Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Data Transmission
Inner conductor	CW Ag 19 x 0,20 mm, $\varnothing$ 0,95 mm
Insulation material	PTFE, $\varnothing$ 2,95 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	Cu Ag
Jacket	FEP, $\varnothing$ 5,45 mm
Weight	62 kg / km
Capacitance	95 nF / km
Velocity of propagation	70 %
Attenuation dB / 100 m	
10 MHz	3,60
50 MHz	9,00
100 MHz	12,70
200 MHz	18,30
400 MHz	26,00
1000 MHz	45,10
3000 MHz	89,00



**Coaxial Cable RG393**

PTFE Dielectric

**OFL0.00046****Specifications:**

Impedance	50 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Telecommunication
Inner conductor	Cu Ag 7 x 0,80 mm, $\varnothing$ 2,39 mm
Insulation material	PTFE, $\varnothing$ 7,24 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	Cu Ag
Jacket	FEP, $\varnothing$ 9,90 mm
Weight	260 kg / km
Capacitance	94 nF / km
Velocity of propagation	70 %



**Coaxial Cable TZC 75024****OFL1.00900**

Solid Polyethylene Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 3 $\Omega$
Applications	Telecommunications
Inner conductor	Cu 1 x 0,31 mm, $\varnothing$ 0,31 mm
Insulation material	PE, $\varnothing$ 1,97 mm
Shield	Cu Sn
2 <sup>nd</sup> Shield	Cu Sn
Jacket	PVC (grey), $\varnothing$ 3,55 mm
Weight	50 kg / km
Capacitance	67 nF / km
Velocity of propagation	80 %
Attenuation dB / 100 m	
1 MHz	2,30
4 MHz	4,70
10 MHz	7,50
50 MHz	15,80
70 MHz	18,70



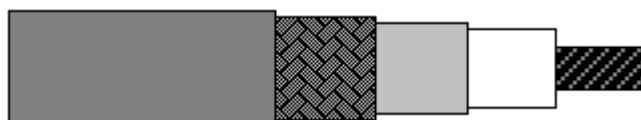
**Low Noise Coaxial Cable 11-RJV30/61R-N1****0FL1.00806**Solid Polyethylene Dielectric

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**Specifications:**

Impedance	75 $\Omega \pm 4 \Omega$
Applications	Telecommunication
Inner conductor	Cu 7 x 0,16 mm, $\varnothing$ 0,48 mm
Insulation material	PE, $\varnothing$ 2,95 mm
Insulation material	Semic. PVC, $\varnothing$ 3,40 mm
Shield	Cu
2 <sup>nd</sup> Shield	-
Jacket	PVC (black), $\varnothing$ 4,95 mm
Weight	39 kg / km
Capacitance	70 nF / km
Velocity of propagation	66 %
Temperature range	-15 °C to +70 °C
Insulation resistance	$\geq 20.000 \text{ M}\Omega$
Voltage test – conductor / shield	2500 Vdc during 1 minute

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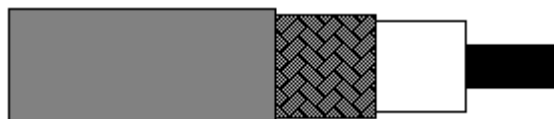


**Coaxial Cable RG59 B/U****OFL1.00100**

Solid Polyethylene Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 3 $\Omega$
Applications	Data Transmission, Video, CCTV
Inner conductor	CW 1 x 0,58 mm, $\varnothing$ 0,58 mm
Insulation material	PE, $\varnothing$ 3,70 mm
Shield	Cu
2 <sup>nd</sup> Shield	-
Jacket	PVC (black), $\varnothing$ 6,15 mm
Weight	46 kg / km
Capacitance	67 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
5 MHz	2,20
10 MHz	3,20
50 MHz	7,90
100 MHz	11,20
200 MHz	16,10
400 MHz	23,30
1000 MHz	39,40

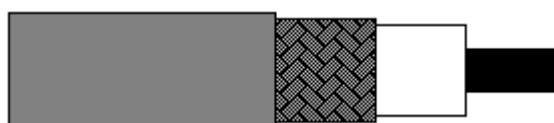


**Coaxial Cable 0.6/3.7 s****OFL1.00820**

Solid Polyethylene Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 1 $\Omega$
Applications	Broadcast Video, CCTV
Inner conductor	Cu 1 x 0,60 mm, $\varnothing$ 0,60 mm
Insulation material	PE, $\varnothing$ 3,74 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	-
Jacket	PVC (black), $\varnothing$ 6,20 mm
Weight	51 kg / km
Capacitance	67 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
1 MHz	1,10
5 MHz	2,50
10 MHz	3,50
20 MHz	4,90
100 MHz	10,30
135 MHz	12,00
180 MHz	13,60
200 MHz	14,30
270 MHz	16,80
300 MHz	17,70
360 MHz	19,40



**Coaxial Cable RX 75/10**

Solid Polyethylene Dielectric

**OFL0.00201****Specifications:**

Impedance	75 $\Omega$ $\pm$ 3 $\Omega$
Applications	Data Transmission, Video, CCTV
Inner conductor	Cu 7 x 0,20 mm, $\varnothing$ 0,60 mm
Insulation material	PE, $\varnothing$ 3,70 mm
Shield	Cu
2 <sup>nd</sup> Shield	-
Jacket	PVC (green), $\varnothing$ 6,10 mm
Weight	50 kg / km
Capacitance	67 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
5 MHz	2,50
10 MHz	3,60
50 MHz	8,10
100 MHz	12,20
200 MHz	17,10
400 MHz	24,30
1000 MHz	41,50

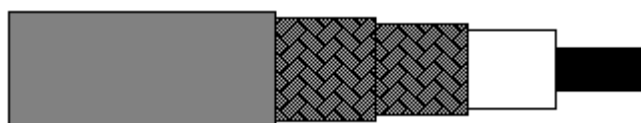


**Coaxial Cable 0.6/3.7 C/Dz****OFL1.00830**

Solid Polyethylene Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 1 $\Omega$
Applications	Broadcast Video, CCTV
Inner conductor	Cu 1 x 0,60 mm, $\varnothing$ 0,60 mm
Insulation material	PE, $\varnothing$ 3,74 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	Cu Ag
Jacket	PVC (black), $\varnothing$ 6,70 mm
Weight	75 kg / km
Capacitance	67 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
1 MHz	1,10
5 MHz	2,50
10 MHz	3,50
20 MHz	4,90
100 MHz	10,30
135 MHz	12,00
180 MHz	13,60
200 MHz	14,30
270 MHz	16,80
300 MHz	17,70
360 MHz	19,40





**Coaxial Cable RG6 A/U**

Solid Polyethylene Dielectric

**OFL0.00006****Specifications:**

Impedance	75 $\Omega$ $\pm$ 3 $\Omega$
Applications	Data Transmission, Video, CCTV
Inner conductor	CW 1 x 0,72 mm, $\varnothing$ 0,72 mm
Insulation material	PE, $\varnothing$ 4,70 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	Cu
Jacket	PVC (schwarz), $\varnothing$ 8,43 mm
Weight	120 kg / km
Capacitance	67 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
5 MHz	1,90
10 MHz	2,70
50 MHz	6,20
100 MHz	9,00
200 MHz	13,50
400 MHz	19,20
1000 MHz	32,50

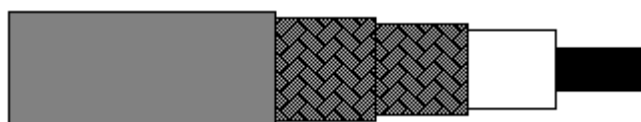


**Coaxial Cable 0.8/4.9 C/Dz****OFL0.00160**

Solid Polyethylene Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 1 $\Omega$
Applications	Broadcast Video, CCTV
Inner conductor	Cu 1 x 0,80 mm, $\varnothing$ 0,80 mm
Insulation material	PE, 5,07 mm
Shield	Cu Cz
2 <sup>nd</sup> Shield	Cu Cz
Jacket	PVC (creme), $\varnothing$ 7,50 mm
Weight	90 kg / km
Capacitance	69 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
1 MHz	0,80
5 MHz	1,80
10 MHz	2,50
20 MHz	3,50
100 MHz	8,60
135 MHz	10,00
180 MHz	11,60
200 MHz	12,20
270 MHz	14,30
300 MHz	15,10
360 MHz	16,50



**Coaxial Cable RG11 A/U****OFL0.00010**

Solid Polyethylene Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 3 $\Omega$
Applications	Data Transmission, Video, CCTV
Inner conductor	Cu Sn 7 x 0,40 mm, $\varnothing$ 1,20 mm
Insulation material	PE, $\varnothing$ 7,25 mm
Shield	Cu
2 <sup>nd</sup> Shield	-
Jacket	PVC (black), $\varnothing$ 10,30 mm
Weight	146 kg / km
Capacitance	67 nF / km
Velocity of propagation	66 %
Attenuation dB / 100 m	
5 MHz	1,22
10 MHz	1,76
50 MHz	4,60
100 MHz	6,60
200 MHz	9,10
400 MHz	14,40
1000 MHz	30,00

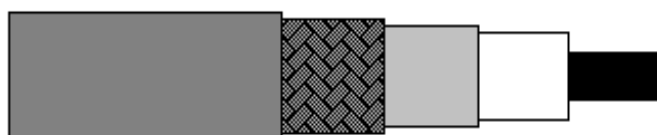


**Coaxial Cable V45466-D13-C15****OFL1.00121**

Foam Polyethylene Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 2 $\Omega$
Applications	Radio Frequency, Data Transmission
Inner conductor	Cu Ag 1 x 0,45 mm, $\varnothing$ 0,45 mm
Insulation material	PES, $\varnothing$ 1,9 mm
Shield	Al Foil
2 <sup>nd</sup> Shield	Cu Sn
Jacket	PVC (black), $\varnothing$ 3,40 mm
Capacitance	58 nF / km
Velocity of propagation	85 %
Attenuation dB / 100 m	
1 MHz	1,80
3 MHz	3,00
10 MHz	4,70
30 MHz	7,90
100 MHz	14,80
200 MHz	21,00
300 MHz	26,00
500 MHz	34,00
700 MHz	40,00
1000 MHz	48,00



**Coaxial Cable RKC 26/20M-V1****OFL0.00203**

Foam Polyethylene Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 3 $\Omega$
Applications	Data Transmission, Video, CCTV
Inner conductor	Cu Sn 1 x 0,60 mm, $\varnothing$ 0,60 mm
Insulation material	PES, $\varnothing$ 2,60 mm
Shield	Al Foil
2 <sup>nd</sup> Shield	Cu Sn
Jacket	LSZH (green), $\varnothing$ 4,60 mm
Weight	50 kg / km
Capacitance	56 nF / km
Velocity of propagation	80 %
Attenuation dB / 100 m	
5 MHz	2,70
10 MHz	4,20
50 MHz	8,70
100 MHz	13,00
200 MHz	18,10
400 MHz	25,10
1000 MHz	41,00

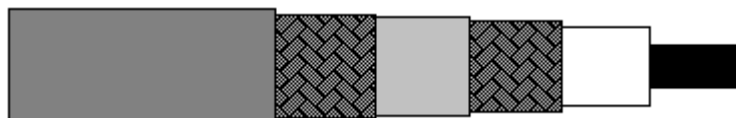


**Coaxial Cable ST 214**

Foam Polyethylene Dielectric

**OFL2.00165****Specifications:**

Impedance	75 $\Omega$
Applications	Telecommunication
Inner conductor	Cu Sn $\varnothing$ 0,80 mm
Insulation material	PES, $\varnothing$ 3,70 mm
Shield	Cu Sn
2 <sup>nd</sup> Shield	Magnetic shield
3 <sup>rd</sup> Shield	Cu Sn
Jacket	LSZH (grey), $\varnothing$ 5,80 mm
Weight	23 kg / km
Capacitance	60 nF / km
Velocity of propagation	80 %
Attenuation dB / 100 m	
1 MHz	0,80
4 MHz	1,75
10 MHz	2,85
50 MHz	6,35
70 MHz	7,50



**Coaxial Cable DT59 / 15X****OFL1.00101**

Foam Polyethylene Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 1 $\Omega$
Applications	Broadcast Video
Inner conductor	Cu 1 x 0,80 mm, $\varnothing$ 0,80 mm
Insulation material	PES, $\varnothing$ 3,70 mm
Shield	Al Foil
2 <sup>nd</sup> Shield	Cu Sn
Jacket	LSZH (green), $\varnothing$ 5,90 mm
Weight	49 kg / km
Capacitance	56 nF / km
Velocity of propagation	78 %
Attenuation dB / 100 m	
5 MHz	1,90
10 MHz	2,70
30 MHz	4,40
100 MHz	7,90
200 MHz	10,90
500 MHz	17,60
1000 MHz	25,50
1500 MHz	31,30

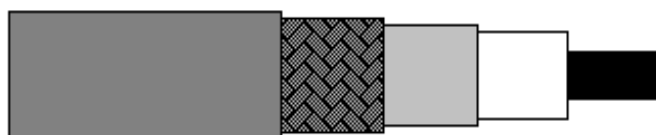


**Coaxial Cable DT 06/16**

Foam Polyethylene Dielectric

**OFL0.00204****Specifications:**

Impedance	75 $\Omega$ $\pm$ 3 $\Omega$
Applications	Data Transmission, Video, CATV
Inner conductor	Cu 1 x 1,02 mm, $\varnothing$ 1,02 mm
Insulation material	PES, $\varnothing$ 4,60 mm
Shield	Al Foil
2 <sup>nd</sup> Shield	Cu Sn
Jacket	LSZH (black), $\varnothing$ 7,00 mm
Weight	55 kg / km
Capacitance	56 nF / km
Velocity of propagation	80 %
Attenuation dB / 100 m	
5 MHz	2,20
30 MHz	4,10
450 MHz	14,40
862 MHz	20,80
1000 MHz	22,70



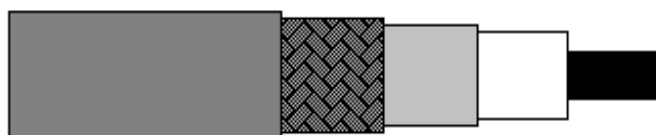


**Coaxial Cable DT11 / 17**

Foam Polyethylene Dielectric

**OFL1.00115****Specifications:**

Impedance	75 $\Omega$ $\pm$ 3 $\Omega$
Applications	Data Transmission, Video, CATV
Inner conductor	Cu 1 x 1,63 mm, $\varnothing$ 1,63 mm
Insulation material	PES, $\varnothing$ 7,20 mm
Shield	Al Foil
2 <sup>nd</sup> Shield	Cu Sn
Jacket	LSZH (grey), $\varnothing$ 10,20 mm
Weight	100 kg / km
Capacitance	56 nF / km
Velocity of propagation	80 %
Attenuation dB / 100 m	
5 MHz	1,30
30 MHz	2,80
450 MHz	9,90
862 MHz	14,20
1000 MHz	15,60



**Coaxial Cable RG179 B/U****OFL1.00200**

PTFE Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 3 $\Omega$
Applications	Data Transmission, Video, Telecommunication
Inner conductor	CW Ag 7 x 0,10 mm, $\varnothing$ 0,30 mm
Insulation material	PTFE, $\varnothing$ 1,60 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	-
Jacket	FEP, $\varnothing$ 2,54 mm
Weight	16 kg / km
Capacitance	64 nF / km
Velocity of propagation	70 %
Attenuation dB / 100 m	
10 MHz	10,80
50 MHz	23,00
100 MHz	30,00
200 MHz	42,00
400 MHz	55,00
1000 MHz	100,00



**Coaxial Cable RG302 /U****OFL0.00802**

Teflon® Dielectric

**Specifications:**

Impedance	75 $\Omega$ $\pm$ 3 $\Omega$
Applications	Video
Inner conductor	CW Ag 1 x 0,64 mm, $\varnothing$ 0,64 mm
Insulation material	PTFE, $\varnothing$ 3,70 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	-
Jacket	FEP, $\varnothing$ 5,23 mm
Weight	56 kg / km
Capacitance	64 nF / km
Velocity of propagation	70 %
Attenuation dB / 100 m	
10 MHz	3,70
50 MHz	8,00
100 MHz	12,10
200 MHz	18,10
400 MHz	25,00
1000 MHz	42,00



**Coaxial Cable RG62 A/U****OFL1.00300**

Solid Polyethylene Dielectric

**Specifications:**

Impedance	93 $\Omega$ $\pm$ 5 $\Omega$
Applications	Data Transmission, Video
Inner conductor	CW 1 x 0,64 mm, $\varnothing$ 0,64 mm
Insulation material	Air-PE, $\varnothing$ 3,70 mm
Shield	Cu
2 <sup>nd</sup> Shield	-
Jacket	PVC (black), $\varnothing$ 6,15 mm
Weight	50 kg / km
Capacitance	44 nF / km
Velocity of propagation	84 %
Attenuation dB / 100 m	
5 MHz	1,95
10 MHz	2,80
50 MHz	6,20
100 MHz	8,80
200 MHz	12,50
400 MHz	17,40
1000 MHz	28,50



**Coaxial Cable RG180 B/U****OFL0.00040**

Teflon® Dielectric

**Specifications:**

Impedance	95 $\Omega$ $\pm$ 5 $\Omega$
Applications	Radio Frequency, Data Transmission, Video
Inner conductor	CW Ag 7 x 0,10 mm, $\varnothing$ 0,30 mm
Insulation material	PTFE, $\varnothing$ 2,59 mm
Shield	Cu Ag
2 <sup>nd</sup> Shield	-
Jacket	FEP, $\varnothing$ 3,68 mm
Weight	29 kg / km
Capacitance	50 nF / km
Velocity of propagation	70 %
Attenuation dB / 100 m	
10 MHz	8,00
50 MHz	18,10
100 MHz	22,40
200 MHz	32,20
400 MHz	48,80
1000 MHz	75,00



**Explanation:**

<b>Al</b>	Aluminium
<b>Cu</b>	Bare Copper
<b>CW</b>	Copperweld
<b>Cu Sn</b>	Tinned Copper
<b>Cu Ag</b>	Silver Copper
<b>CW Ag</b>	Silver coated copperweld
<b>FEP</b>	Perfluorethylene-propylene
<b>LSZH</b>	Low Smoke, Zero Halogen
<b>PE</b>	Polyethylene
<b>PES</b>	Foam Polyethylene
<b>PTFE</b>	Polytetrafluorethylene





# Walter Krenn

Hochfrequenztechnik GmbH

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Simmeringer Hauptstraße 421  
1110 Wien  
Austria

Phone: 0043 (0) 1 / 748 7117 – 13

Fax: 0043 (0) 1 / 748 7117 – 90

Email: [info@krenn.at](mailto:info@krenn.at)

Internet: <http://www.krenn.at>

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Walter Krenn  
Hochfrequenztechnik GmbH

Simmeringer Hauptstraße 421  
1110 Wien, Austria

Tel.: +43-1-748 7117/0  
Fax.: +43-1-748 7117/90

