

Cables

Coaxial cables

Coaxial cables for indoor installation, PVC sheath

Item		PAS4025	PAS4046	PAS4036	PAS4037
Inner conductor	Composition	Cu	Cw	Cu	Cu
	Ø mm	0.80	1.02	1.0	1.13
Dielectric	Composition	PEE	PEE	PEE	PEE
	Ø mm	3.5	4.6	4.7	4.85
Screen	Foil	AL/PET/AL	AL/PET/AL	AL/PET/AL	AL/PET/AL
	%	100%	100%	100%	100%
	Braid	CuSn	AL	CuSn	AL
	%	40%	64.5%	30%	35%
	Foil				
	%				
Antimigrating foil		PET	PET	PET	PET
Sheath	Composition	PVC White	PVC White	PVC White	PVC White
	Ø mm	5	6.9	6.7	6.8
ELECTRICAL PERFORMANCE					
Impedance @ 200MHz	Ohm	75 ± 3	75 ± 3	75 ± 3	75 ± 3
Capacitance	pF/m	52	52	52	53
Velocity ratio		84%	84%	84%	85%
Min. bending radius	mm	35	35	35	35
Attenuation @ 20°C dB/100mt					
MHz	5	2.0	2.1	1.6	1.5
MHz	50	5.9	5.1	4.6	4.3
MHz	200	11.3	9.5	9.0	8.4
MHz	470	17.6	-	14.5	13.6
MHz	800	23.3	20.6	18.6	17.2
MHz	1000	26.3	23.4	21.1	19.8
MHz	1350	30.8	25	25.0	23.3
MHz	1750	35.6	28.7	27.9	27.0
MHz	2150	40.0	31.7	31.7	30.6
MHz	2400	42.2	33.2	33.2	32.5
MHz	2700	45.2	35.3	35.8	35.0
Return loss dB					
MHz	50-470	>28	>30	>30	>29
MHz	470-862	>26	>25	>25	>25
MHz	862-1750	>20	>20	>20	>20
MHz	1750-2400	>20	>20	>20	>20
Screening efficiency dB					
MHz	5-30	>65	>65	>65	>65
MHz	30-1000	>80	>75	>75	>80
MHz	1000-2150	>85	>75	>80	>70
DC Resistance					
Inner	Ohm/Km	35	103	22.5	21.5
Outer	Ohm/Km	33	64	31	27
PACKAGING					
Plastic Reel	100m	Item	PAS4046100	PAS4036104	PAS4037104
		Code	289802	PAS4036104	PAS4037104
	200 m	Item	PAS4025202		
		Code	289700		

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Coaxial cables for indoor installation, PVC sheath

Item		PAS4016102 Class A+	PAS4017101 Class A+	PAS4007111 Class A+	PAS4009101 Class A+	
Inner conductor	Composition	Cu	Cu	Cu	Cu	
	Ø mm	1.0	1.13	1.13	1.7	
Dielectric	Composition	PEE	PEE	PEE	PEE	
	Ø mm	4.7	4.8	4.8	7.2	
Screen	Foil	AL/PET/AL	AL/PET/AL	AL/PET/AL	AL/PET/AL	
	%	100%	100%	100%	100%	
	Braid	CuSn	CuSn	CuSn	CuSn	
	%	40%	40%	40%	56%	
	Foil			AL/PET		
	%			100%		
Antimigrating foil		PET	PET	PET	PET	
Sheath	Composition	PVC White	PVC White	PVC White	PVC White	
	Ø mm	6.7	6.8	6.8	10.2	
ELECTRICAL PERFORMANCE						
Impedance @ 200MHz	Ohm	75 ± 3	75 ± 3	75 ± 3	75 ± 3	
Capacitance	pF/m	52	52	52	52	
Velocity ratio		84%	85%	85%	85%	
Min. bending radius	mm	35	35	35	115	
Attenuation @ 20°C dB/100mt						
MHz	5	1.6	1.3	1.3	0.8	
MHz	50	4.6	4.3	4.1	2.6	
MHz	200	9.0	8.4	8.0	5.4	
MHz	470	14.5	13.4	12.6	8.5	
MHz	800	18.6	17.2	16.8	11.0	
MHz	1000	21.1	19.5	18.9	12.9	
MHz	1350	25.0	23.0	22.3	15.2	
MHz	1750	27.9	26.2	25.5	17.6	
MHz	2150	31.7	29.5	28.7	19.8	
MHz	2400	33.2	31.9	30.4	21.5	
MHz	2700	35.8	33.0	32.8	23.2	
Return loss dB						
MHz	50-470	>30	>30	>30	>30	
MHz	470-862	>25	>28	>28	>28	
MHz	862-1750	>20	>23	>25	>25	
MHz	1750-2400	>20	>23	>20	>18	
Screening efficiency dB						
MHz	5-30	>75	>75	>85	>80	
MHz	30-1000	>85	>85	>95	>85	
MHz	1000-2150	>85	>85	>90	>85	
DC Resistance						
Inner	Ohm/Km	22.5	18	18	9	
Outer	Ohm/Km	27	26	21	9.7	
PACKAGING						
Plastic Reel	100m	Item	PAS4016102	PAS4017101	PAS4007111	PAS4009101
		Code	PAS4016102	PAS4017101	PAS4007111	PAS4009101