

**PN 654** Profinet type A, for fixed installation

**PN 655** Profinet type A, for fixed installation with UL recognition

**PN 660** Profinet type B, for flexible applications

**PN 661** Profinet type B, for flexible applications with UL recognition

B 2x2x22AWG AWM Style 21080 80° 300V CE



Marking for PN 661 06612202:

SAB BROCKSKES · D-VIERSEN · S PN 661 Profinet CAT 5 Typ B 2x2x22AWG AWM Style 21080 80° 300V CE

Construction:	PN 654 Profinet type A fixed laying	PN 660 Profinet type B flexible	PN 655 Profinet type A fixed laying	PN 661 Profinet type B flexible
Dimensions:	2 x 2 x 22 AWG			
Conductor:	bare copper wire	bare copper strands, fine wires with reference to VDE 0812	bare copper wire	bare copper strands, fine wires with reference to VDE 0812
Insulation:	PE, LMD acc. to EN 50290-2-23			
Colour code:	blue, yellow, white, orange			
Stranding:	in layers			
Wrapping:	PETP foil			
Inner sheath:	---	thermoplastic material	---	thermoplastic material
Wrapping:	---	alu foil	---	alu foil
Screen:	tinned copper braiding			
Wrapping:	---	non-woven tape	---	non-woven tape
Sheath material:	PVC	SABIX®	PVC	SABIX®
Sheath colour:	green (similar RAL 6018)			

Technical data:	PN 654 Profinet type A fixed laying	PN 660 Profinet type B flexible	PN 655 Profinet type A fixed laying	PN 661 Profinet type B flexible
Item numbers:	0654-2202	0660-2202	0655-2202	0661-2202
Peak operating voltage:	max. 350 V			
Voltage UL:	---		300 V	
Testing voltage core/core: core/screen:	1500 V 1200 V		2000 V 2000 V	
Min. bending radius fixed laying: flexible application:	5 x d 12 x d	5 x d 12 x d	5 x d 12 x d	5 x d 12 x d
Temperature range VDE fixed laying: flexible application:	-30/+70 °C -5/+70 °C	-30/+70 °C -20/+70 °C	UL: up to +80 °C -30/+70 °C -5/+70 °C	UL: up to +75 °C -40/+70 °C -30/+70 °C
Halogen-free:	---	acc. to IEC 60754-1 + VDE 0482-754-1	---	acc. to IEC 60754-1 + VDE 0482-754-1
Oil resistance:	acc. to internal standard see chapter N „Technical data“	---	acc. to internal standard see chapter N „Technical data“	---
Characteristic impedance:	100Ω ± 5Ω, accomplishes the electrical and transmission requirements with high frequency acc. to EN 50288-2-2 + VDE 0819-2-2 (CAT 5 acc. to EN 50173-1)			
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical Data“			

item no.	type	no. of conductors	cross section AWG	max. core-ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈kg/km	ohmic resistance at 20°C acc. to VDE 0812 max.Ω/km
06542202	PN 654	4	22	1,55	5,3	28,0	43	58,0
06602202	PN 660	4	22	1,55	6,6	36,2	67	58,0
06552202	PN 655	4	22	1,55	5,9	30,4	51	58,0
06612202	PN 661	4	22	1,55	6,6	36,2	70	58,0

Other dimensions and colours are possible on request.

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