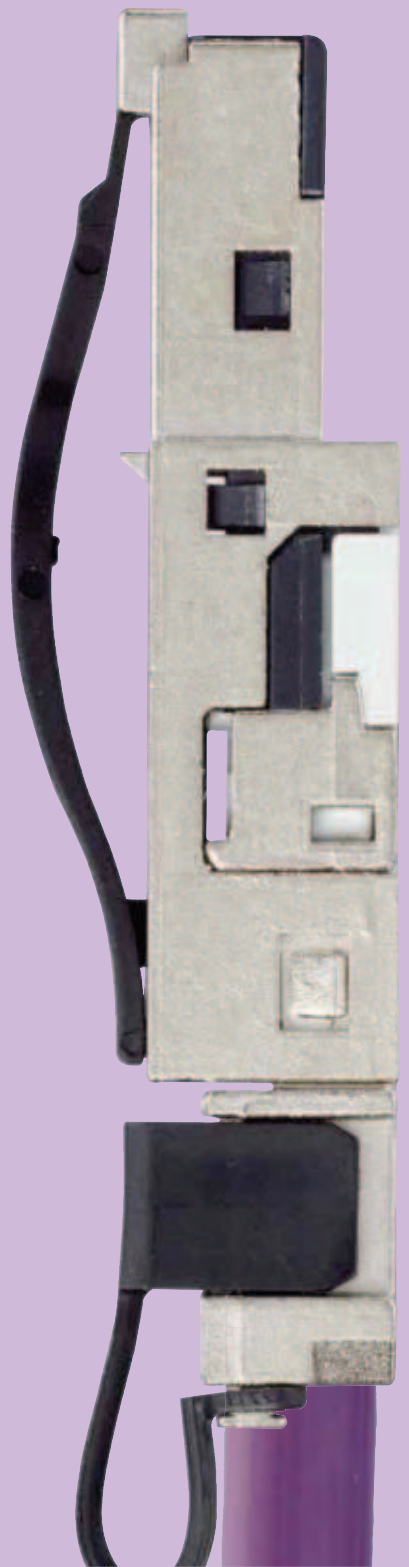
Network
Harnessed Ethernet cables



Harnessed CAT5 cables

● Technical information **PVC** ▶ Page 172+174
● Technical information **PUR** ▶ Page 182+396
● Technical information **TPE** ▶ Page 186

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius [x d]
Harting CAT5 connector				
PVC	CAT9311001	(4x0.25)C	6.5	12.5
PUR	CAT9411001	(4x0.25)C	6.5	12.5
TPE	CAT9511001	(4x0.25)C	7.0	10
Harting CAT5 connector				
PVC	CAT9311002	(4x0.25)C	6.5	12.5
PUR	CAT9411002	(4x0.25)C	6.5	12.5
TPE	CAT9511002	(4x0.25)C	7.0	10

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

Harnessed CAT5e cables

- Technical information **PVC** ▶ Page 172+174
- Technical information **iguPUR** ▶ Page 178
- Technical information **PUR** ▶ Page 182+396
- Technical information **TPE** ▶ Page 186

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius [x d]
Telegärtner CAT6$_A$ connector				
PVC	CAT9121002	(4x(2x0.14))C	7.5	15
PVC, oil-resistant	CAT9321002	(4x(2x0.15))C	7.5	12.5
iguPUR	CAT9221002	(4x(2x0.14))C	7.5	15
PUR	CAT9421002	(4x(2x0.15))C	7.5	12.5
PUR-ROBOT	CAT9621002	4x(2x0.14)C	8.5	10
PUR-SPECIAL	CAT9721001	(4x(2x0.15))C	9.5	12.5
TPE	CAT9521002	(4x(2x0.15))C	8.5	10
Harting CAT6$_A$ connector				
PVC	CAT9121003	(4x(2x0.14))C	7.5	15
PVC, oil-resistant	CAT9321003	(4x(2x0.15))C	7.5	12.5
iguPUR	CAT9221003	(4x(2x0.14))C	7.5	15
PUR	CAT9421003	(4x(2x0.15))C	7.5	12.5
PUR-ROBOT	CAT9621003	4x(2x0.14)C	8.5	10
PUR-SPECIAL	CAT9721002	(4x(2x0.15))C	9.5	12.5
TPE	CAT9521003	(4x(2x0.15))C	8.5	10
Telegärtner CAT6 connector				
PVC	CAT9121004	(4x(2x0.14))C	7.5	15
PVC, oil-resistant	CAT9321004	(4x(2x0.15))C	7.5	12.5
iguPUR	CAT9221004	(4x(2x0.14))C	7.5	15
PUR	CAT9421004	(4x(2x0.15))C	7.5	12.5
PUR-ROBOT	CAT9621004	4x(2x0.14)C	8.5	10
PUR-SPECIAL	CAT9721003	(4x(2x0.15))C	9.5	12.5
TPE	CAT9521004	(4x(2x0.15))C	8.5	10
Telegärtner CAT6 / CAT6$_A$ connector				
PVC	CAT9121005	(4x(2x0.14))C	7.5	15
PVC, oil-resistant	CAT9321005	(4x(2x0.15))C	7.5	12.5
iguPUR	CAT9221005	(4x(2x0.14))C	7.5	15
PUR	CAT9421005	(4x(2x0.15))C	7.5	12.5
PUR-ROBOT	CAT9621005	4x(2x0.14)C	8.5	10
PUR-SPECIAL	CAT9721004	(4x(2x0.15))C	9.5	12.5
TPE	CAT9521005	(4x(2x0.15))C	8.5	10

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

Harnessed CAT5e cables

- Technical information **PVC** ▶ Page 172+174
- Technical information **iguPUR** ▶ Page 178
- Technical information PUR ▶ Page 182+396
- Technical information **TPE** ▶ Page 186

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius [x d]
Telegärtner CAT6 connector (RJ45/M12 x-coded)				
PVC	CAT9121006	(4x(2x0.14))C	7.5	15
PVC, oil-resistant	CAT9321006	(4x(2x0.15))C	7.5	12.5
iguPUR	CAT9221006	(4x(2x0.14))C	7.5	15
PUR	CAT9421006	(4x(2x0.15))C	7.5	12.5
PUR-ROBOT	CAT9621006	4x(2x0.14)C	8.5	10
PUR-SPECIAL	CAT9721005	(4x(2x0.15))C	9.5	12.5
TPE	CAT9521006	(4x(2x0.15))C	8.5	10
Telegärtner CAT6$_A$ connector (M12 x-coded)				
PVC	CAT9121007	(4x(2x0.14))C	7.5	15
PVC, oil-resistant	CAT9321007	(4x(2x0.15))C	7.5	12.5
iguPUR	CAT9221007	(4x(2x0.14))C	7.5	15
PUR	CAT9421007	(4x(2x0.15))C	7.5	12.5
PUR-ROBOT	CAT9621007	4x(2x0.14)C	8.5	10
PUR-SPECIAL	CAT9721006	(4x(2x0.15))C	9.5	12.5
TPE	CAT9521007	(4x(2x0.15))C	8.5	10
Phoenix Contact CAT6$_A$ connector				
PVC	CAT9121010	(4x(2x0.14))C	7.5	15
PVC, oil-resistant	CAT9321010	(4x(2x0.15))C	7.5	12.5
iguPUR	CAT9221010	(4x(2x0.14))C	7.5	15
PUR	CAT9421010	(4x(2x0.15))C	7.5	12.5
PUR-ROBOT	CAT9621010	4x(2x0.14)C	8.5	10
TPE	CAT9521010	(4x(2x0.15))C	8.5	10
Phoenix Contact CAT6$_A$ connector (M12 x-coded)				
PVC	CAT9121013	(4x(2x0.14))C	7.5	15
PVC, oil-resistant	CAT9321013	(4x(2x0.15))C	7.5	12.5
iguPUR	CAT9221013	(4x(2x0.14))C	7.5	15
PUR	CAT9421013	(4x(2x0.15))C	7.5	12.5
PUR-ROBOT	CAT9621013	4x(2x0.14)C	8.5	10
PUR-SPECIAL	CAT9721011	(4x(2x0.15))C	9.5	12.5
TPE	CAT9521013	(4x(2x0.15))C	8.5	10

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

Harnessed CAT5e cables

- Technical information PVC ▶ Page 174
- Technical information **PUR** ▶ Page 182

Delivery program Straight (PVC/PUR/PUR-ROBOT/TPE) 4/8 poles

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius
Harting CAT5 connector				
TPE	CAT9040001	(2x(2x0.25))C	7.0	12.5 x d
Harting CAT5e connector				
PVC, oil-resistant	CAT9340020	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240020	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440020	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040020	(4x(2x0.15))C	8.0	12.5 x d
Yamaichi CAT5 connector				
PVC, oil-resistant	CAT9340060	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240060	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440060	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040060	(4x(2x0.15))C	8.0	12.5 x d
Phoenix Contact CAT5e connector				
PVC, oil-resistant	CAT9340100	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240100	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440100	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040100	(4x(2x0.15))C	8.0	12.5 x d
Yamaichi CAT5 connector in Hummel housing				
PVC, oil-resistant	CAT9340140	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240140	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440140	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040140	(4x(2x0.15))C	8.0	12.5 x d
Yamaichi CAT5 connector in Hummel housing				
PVC, oil-resistant	CAT9340180	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240180	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440180	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040180	(4x(2x0.15))C	8.0	12.5 x d

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

1,244 types from stock no cutting costs ...
... no minimum order quantity ... *(up to 10 cuts of the same types)

Harnessed CAT5e cables

- Technical information **PUR-ROBOT** ▶ **Page** 396
- Technical information **TPE** ▶ **P**age 186

Delivery program Cross-Over (PVC/PUR/PUR-ROBOT/TPE) 8 poles

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius
Hirose CAT5e connector				
PVC, oil-resistant	CAT9340040	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240040	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440040	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040040	(4x(2x0.15))C	8.0	12.5 x d
Yamaichi CAT5 connector				
PVC, oil-resistant	CAT9340080	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240080	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440080	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040080	(4x(2x0.15))C	8.0	12.5 x d
Phoenix Contact CAT5e connector				
PVC, oil-resistant	CAT9340120	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240120	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440120	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040120	(4x(2x0.15))C	8.0	12.5 x d
Yamaichi CAT5 connector in Hummel housing				
PVC, oil-resistant	CAT9340160	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240160	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440160	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040160	(4x(2x0.15))C	8.0	12.5 x d
Yamaichi CAT5 connector in Hummel housing				
PVC, oil-resistant	CAT9340200	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240200	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440200	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040200	(4x(2x0.15))C	8.0	12.5 x d

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

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36 month guarantee on every chainflex® cable ...
... up to 10 mio. double strokes guaranteed ...

Harnessed CAT5e cables PVC
all with Hirose CAT5e connectors

● Technical information **PVC**
▶ Page 174

Connector 1	Connector 2	Connector 3	Connector 4	Connector 5
L angle curve lower	L angle curve above	T angle curve outer	T angle curve inward	straight



Delivery program Straight (PVC) 8 poles

Delivery program Part No.	Harnessing with connector combination		Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius
CAT9340380	1	2	(4x(2x0.15))C	7.0	12.5 x d
CAT9340540	1	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9340560	1	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9340320	1	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9340360	2	1	(4x(2x0.15))C	7.0	12.5 x d
CAT9340340	2	2	(4x(2x0.15))C	7.0	12.5 x d
CAT9340500	2	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9340520	2	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9340300	2	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9340440	3	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9340480	3	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9340400	3	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9340460	4	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9340420	4	5	(4x(2x0.15))C	7.0	12.5 x d
Delivery program Cross-Over (PVC) 8 poles					
CAT9340390	1	2	(4x(2x0.15))C	7.0	12.5 x d
CAT9340550	1	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9340570	1	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9340330	1	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9340370	2	1	(4x(2x0.15))C	7.0	12.5 x d
CAT9340350	2	2	(4x(2x0.15))C	7.0	12.5 x d
CAT9340510	2	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9340530	2	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9340310	2	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9340450	3	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9340490	3	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9340410	3	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9340470	4	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9340430	4	5	(4x(2x0.15))C	7.0	12.5 x d

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

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1,244 types from stock no cutting costs ...
... no minimum order quantity ... *(up to 10 cuts of the same types)

Harnessed CAT5e cables PUR
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● Technical information **PUR**
▶ Page 182

Connector 1	Connector 2	Connector 3	Connector 4	Connector 5
L angle curve lower	L angle curve above	T angle curve outer	T angle curve inward	straight



Delivery program Straight (PVC) 8 poles

Delivery program Part No.	Harnessing with connector combination		Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius
CAT9240380	1	2	(4x(2x0.15))C	7.0	12.5 x d
CAT9240540	1	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9240560	1	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9240320	1	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9240360	2	1	(4x(2x0.15))C	7.0	12.5 x d
CAT9240340	2	2	(4x(2x0.15))C	7.0	12.5 x d
CAT9240500	2	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9240520	2	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9240300	2	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9240440	3	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9240480	3	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9240400	3	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9240460	4	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9240420	4	5	(4x(2x0.15))C	7.0	12.5 x d
Delivery program Cross-Over (PUR) 8 poles					
CAT9240390	1	2	(4x(2x0.15))C	7.0	12.5 x d
CAT9240550	1	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9240570	1	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9240330	1	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9240370	2	1	(4x(2x0.15))C	7.0	12.5 x d
CAT9240350	2	2	(4x(2x0.15))C	7.0	12.5 x d
CAT9240510	2	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9240530	2	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9240310	2	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9240450	3	3	(4x(2x0.15))C	7.0	12.5 x d
CAT9240490	3	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9240410	3	5	(4x(2x0.15))C	7.0	12.5 x d
CAT9240470	4	4	(4x(2x0.15))C	7.0	12.5 x d
CAT9240430	4	5	(4x(2x0.15))C	7.0	12.5 x d

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

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Harnessed CAT5e cables PUR-ROBOT
all with Hirose CAT5e connectors

● Technical information **PUR-ROBOT**
▶ Page 396

Connector 1	Connector 2	Connector 3	Connector 4	Connector 5
L angle curve lower	L angle curve above	T angle curve outer	T angle curve inward	straight



Delivery program straight (PUR-ROBOT) 8 poles					
Delivery program Part No.	Harnessing with connector combination		Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius
CAT9440380	1	2	(4x(2x0.15)C)	8.5	10 x d
CAT9440540	1	3	(4x(2x0.15)C)	8.5	10 x d
CAT9440560	1	4	(4x(2x0.15)C)	8.5	10 x d
CAT9440320	1	5	(4x(2x0.15)C)	8.5	10 x d
CAT9440360	2	1	(4x(2x0.15)C)	8.5	10 x d
CAT9440340	2	2	(4x(2x0.15)C)	8.5	10 x d
CAT9440500	2	3	(4x(2x0.15)C)	8.5	10 x d
CAT9440520	2	4	(4x(2x0.15)C)	8.5	10 x d
CAT9440300	2	5	(4x(2x0.15)C)	8.5	10 x d
CAT9440440	3	3	(4x(2x0.15)C)	8.5	10 x d
CAT9440480	3	4	(4x(2x0.15)C)	8.5	10 x d
CAT9440400	3	5	(4x(2x0.15)C)	8.5	10 x d
CAT9440460	4	4	(4x(2x0.15)C)	8.5	10 x d
CAT9440420	4	5	(4x(2x0.15)C)	8.5	10 x d
Delivery program Cross-Over (PUR-ROBOT) 8 poles					
CAT9440390	1	2	(4x(2x0.15)C)	8.5	10 x d
CAT9440550	1	3	(4x(2x0.15)C)	8.5	10 x d
CAT9440570	1	4	(4x(2x0.15)C)	8.5	10 x d
CAT9440330	1	5	(4x(2x0.15)C)	8.5	10 x d
CAT9440370	2	1	(4x(2x0.15)C)	8.5	10 x d
CAT9440350	2	2	(4x(2x0.15)C)	8.5	10 x d
CAT9440510	2	3	(4x(2x0.15)C)	8.5	10 x d
CAT9440530	2	4	(4x(2x0.15)C)	8.5	10 x d
CAT9440310	2	5	(4x(2x0.15)C)	8.5	10 x d
CAT9440450	3	3	(4x(2x0.15)C)	8.5	10 x d
CAT9440490	3	4	(4x(2x0.15)C)	8.5	10 x d
CAT9440410	3	5	(4x(2x0.15)C)	8.5	10 x d
CAT9440470	4	4	(4x(2x0.15)C)	8.5	10 x d
CAT9440430	4	5	(4x(2x0.15)C)	8.5	10 x d

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

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Harnessed CAT5e cables TPE
all with Hirose CAT5e connectors

● Technical information **TPE**
▶ Page 186

Connector 1	Connector 2	Connector 3	Connector 4	Connector 5
L angle curve lower	L angle curve above	T angle curve outer	T angle curve inward	straight



Delivery program straight (TPE) 8 poles					
Delivery program Part No.	Harnessing with connector combination		Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius
CAT9040380	1	2	(4x(2x0.15))C	8.0	12.5 x d
CAT9040540	1	3	(4x(2x0.15))C	8.0	12.5 x d
CAT9040560	1	4	(4x(2x0.15))C	8.0	12.5 x d
CAT9040320	1	5	(4x(2x0.15))C	8.0	12.5 x d
CAT9040360	2	1	(4x(2x0.15))C	8.0	12.5 x d
CAT9040340	2	2	(4x(2x0.15))C	8.0	12.5 x d
CAT9040500	2	3	(4x(2x0.15))C	8.0	12.5 x d
CAT9040520	2	4	(4x(2x0.15))C	8.0	12.5 x d
CAT9040300	2	5	(4x(2x0.15))C	8.0	12.5 x d
CAT9040440	3	3	(4x(2x0.15))C	8.0	12.5 x d
CAT9040480	3	4	(4x(2x0.15))C	8.0	12.5 x d
CAT9040400	3	5	(4x(2x0.15))C	8.0	12.5 x d
CAT9040460	4	4	(4x(2x0.15))C	8.0	12.5 x d
CAT9040420	4	5	(4x(2x0.15))C	8.0	12.5 x d
Delivery program Cross-Over (TPE) 8 poles					
CAT9040390	1	2	(4x(2x0.15))C	8.0	12.5 x d
CAT9040550	1	3	(4x(2x0.15))C	8.0	12.5 x d
CAT9040570	1	4	(4x(2x0.15))C	8.0	12.5 x d
CAT9040330	1	5	(4x(2x0.15))C	8.0	12.5 x d
CAT9040370	2	1	(4x(2x0.15))C	8.0	12.5 x d
CAT9040350	2	2	(4x(2x0.15))C	8.0	12.5 x d
CAT9040510	2	3	(4x(2x0.15))C	8.0	12.5 x d
CAT9040530	2	4	(4x(2x0.15))C	8.0	12.5 x d
CAT9040310	2	5	(4x(2x0.15))C	8.0	12.5 x d
CAT9040450	3	3	(4x(2x0.15))C	8.0	12.5 x d
CAT9040490	3	4	(4x(2x0.15))C	8.0	12.5 x d
CAT9040410	3	5	(4x(2x0.15))C	8.0	12.5 x d
CAT9040470	4	4	(4x(2x0.15))C	8.0	12.5 x d
CAT9040430	4	5	(4x(2x0.15))C	8.0	12.5 x d

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

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Harnessed CAT5e cables

- Technical information **PVC** ▶ Page 174
- Technical information ▶ Page 182
- Techn. information **PUR-ROBOT** ▶ **P**age 396
- Technical information **TPE** ▶ Page 186

Delivery program connection cable (PVC/PUR/PUR-ROBOT/TPE)

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius
Hirose CAT5e- / Intercontec connector				
PVC, oil-resistant	CAT9340800	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240800	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440800	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040800	(4x(2x0.15))C	8.0	12.5 x d

Delivery program extension cable (PVC/PUR/PUR-ROBOT/TPE)

Intercontec connector				
PVC, oil-resistant	CAT9340810	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240810	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440810	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040810	(4x(2x0.15))C	8.0	12.5 x d

Delivery program termination Cable (PVC/PUR/PUR-ROBOT/TPE)

Intercontec- / Hirose CAT5e connector				
PVC, oil-resistant	CAT9340820	(4x(2x0.15))C	7.0	12.5 x d
PUR	CAT9240820	(4x(2x0.15))C	7.0	12.5 x d
PUR-ROBOT	CAT9440820	(4x(2x0.15)C)	8.5	10 x d
TPE	CAT9040820	(4x(2x0.15))C	8.0	12.5 x d

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
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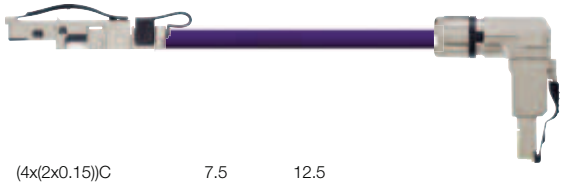
Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

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Harnessed CAT6 cables

- Technical information **PVC** ▶ Page 174
- Technical information **PUR** ▶ Page 182
- Technical information **TPE** ▶ Page 186

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius [x d]
Telegärtner CAT6$_A$ connector				
PVC, oil-resistant	CAT9331002	(4x(2x0.15))C	7.5	12.5
PUR	CAT9431002	(4x(2x0.15))C	7.5	12.5
TPE	CAT9531002	(4x(2x0.15))C	8.5	10
Harting CAT6 connector				
PVC, oil-resistant	CAT9331003	(4x(2x0.15))C	7.5	12.5
PUR	CAT9431003	(4x(2x0.15))C	7.5	12.5
TPE	CAT9531003	(4x(2x0.15))C	8.5	10
Telegärtner CAT6 connector				
PVC, oil-resistant	CAT9331004	(4x(2x0.15))C	7.5	12.5
PUR	CAT9431004	(4x(2x0.15))C	7.5	12.5
TPE	CAT9531004	(4x(2x0.15))C	8.5	10
Telegärtner CAT6 connector (RJ45/M12 x-coded)				
PVC, oil-resistant	CAT9331005	(4x(2x0.15))C	7.5	12.5
PUR	CAT9431005	(4x(2x0.15))C	7.5	12.5
TPE	CAT9531005	(4x(2x0.15))C	8.5	10
Telegärtner CAT6 / CAT6$_A$ connector				
PVC, oil-resistant	CAT9331006	(4x(2x0.15))C	7.5	12.5
PUR	CAT9431006	(4x(2x0.15))C	7.5	12.5
TPE	CAT9531006	(4x(2x0.15))C	8.5	10

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
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Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

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Harnessed CAT6 cables

- Technical information **PVC** ▶ Page 174
- Technical information **PUR** ▶ Page 182
- Technical information **TPE** ▶ Page 186

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius [x d]
Phoenix Contact CAT6$_A$ connector				
PVC, oil-resistant	CAT9331009	(4x(2x0.15))C	7.5	12.5
PUR	CAT9431009	(4x(2x0.15))C	7.5	12.5
TPE	CAT9531009	(4x(2x0.15))C	8.5	10
Phoenix Contact CAT6$_A$ connector (M12 x-coded)				
PVC, oil-resistant	CAT9331012	(4x(2x0.15))C	7.5	12.5
PUR	CAT9431012	(4x(2x0.15))C	7.5	12.5
TPE	CAT9531012	(4x(2x0.15))C	8.5	10

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Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

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Harnessed CAT6 cables TPE

- Technical information **TPE** ▶ Page 186

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	ø [mm]	Bend radius
Delivery program straight (TPE) 8 poles				
Hirose CAT5e connector				
TPE	CAT9040600	(4x(2x0.14)C)C	10.0	12.5 x d
Phoenix Contact CAT6 connector				
TPE	CAT9040640	(4x(2x0.14)C)C	10.0	12.5 x d
Harting CAT6$_A$ connector				
TPE	CAT9040680	(4x(2x0.14)C)C	10.0	12.5 x d
Delivery program Cross-Over (TPE) 8 poles				
Hirose CAT5e connector				
TPE	CAT9040620	(4x(2x0.14)C)C	10.0	12.5 x d
Phoenix Contact CAT6 connector				
TPE	CAT9040660	(4x(2x0.14)C)C	10.0	12.5 x d
Harting CAT6$_A$ connector				
TPE	CAT9040700	(4x(2x0.14)C)C	10.0	12.5 x d
Delivery program M12 x-coded connector (TPE)				
Telegärtner CAT6$_A$ connector				
TPE	CAT9040760	(4x(2x0.14)C)C	10.0	12.5 x d
Telegärtner CAT6$_A$ connector				
TPE	CAT9040720	(4x(2x0.14)C)C	10.0	12.5 x d

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
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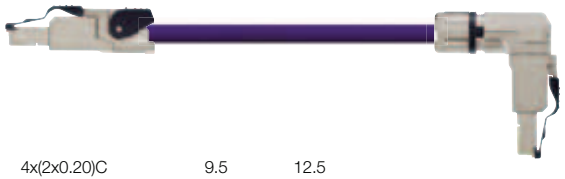
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Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

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Harnessed CAT6A cables

- Technical information **PVC** ▶ Page 174
- Technical information **PUR** ▶ Page 182+396
- Technical information **TPE** ▶ Page 186

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius [x d]
Telegärtner CAT6A connector				
PUR-ROBOT	CAT9641001	4x(2x0.15)C	10.5	10
TPE	CAT9541001	(4x(2x0.15)C)C	10.5	12.5
Harting CAT6A connector				
PUR-ROBOT	CAT9641002	4x(2x0.15)C	10.5	10
TPE	CAT9541002	(4x(2x0.15)C)C	10.5	12.5
Telegärtner CAT6A connector				
PVC, oil-resistant	CAT9341004	4x(2x0.20)C	9.5	12.5
PUR	CAT9441004	4x(2x0.20)C	9.5	12.5
PUR-ROBOT	CAT9641003	4x(2x0.15)C	10.5	10
TPE	CAT9541003	(4x(2x0.15)C)C	10.5	12.5
Telegärtner CAT6A connector (RJ45/M12 x-coded)				
PVC, oil-resistant	CAT9341005	4x(2x0.20)C	9.5	12.5
PUR	CAT9441005	4x(2x0.20)C	9.5	12.5
PUR-ROBOT	CAT9641004	4x(2x0.15)C	10.5	10
TPE	CAT9541004	(4x(2x0.15)C)C	10.5	12.5
Telegärtner CAT6A connector				
PVC, oil-resistant	CAT9341006	4x(2x0.20)C	9.5	12.5
PUR	CAT9441006	4x(2x0.20)C	9.5	12.5
PUR-ROBOT	CAT9641005	4x(2x0.15)C	10.5	10
TPE	CAT9541005	(4x(2x0.15)C)C	10.5	12.5

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

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Harnessed CAT6A cables

- Technical information **PVC** ▶ Page 174
- Technical information **PUR** ▶ Page 182+396
- Technical information **TPE** ▶ Page 186

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius [x d]
Phoenix Contact CAT6A connector (M12 x-coded)				
PVC, oil-resistant	CAT9341010	4x(2x0.20)C	9.5	12.5
PUR	CAT9441010	4x(2x0.20)C	9.5	12.5
PUR-ROBOT	CAT9641009	4x(2x0.15)C	10.5	10
TPE	CAT9541009	(4x(2x0.15)C)C	10.5	12.5

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
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Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

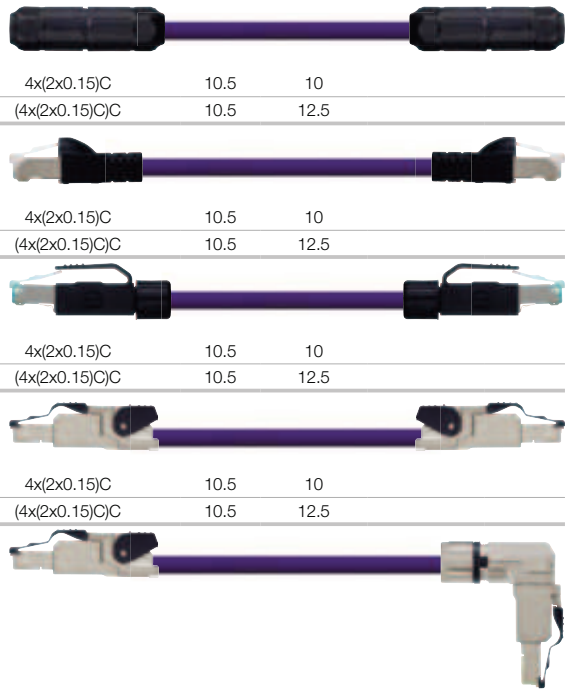
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Harnessed CAT7 cables

Technical information **PUR** ▶ **Page** 182

● Technical information **TPE** ▶ Page 186

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius [x d]
Telegärtner CAT7 Connecting module				
PUR-ROBOT	CAT9651001	4x(2x0.15)C	10.5	10
TPE	CAT9551001	(4x(2x0.15)C)C	10.5	12.5
Telegärtner CAT6$_A$ connector				
PUR-ROBOT	CAT9651002	4x(2x0.15)C	10.5	10
TPE	CAT9551002	(4x(2x0.15)C)C	10.5	12.5
Harting CAT6$_A$ connector				
PUR-ROBOT	CAT9651003	4x(2x0.15)C	10.5	10
TPE	CAT9551003*	(4x(2x0.15)C)C	10.5	12.5
Telegärtner CAT6$_A$ connector				
PUR-ROBOT	CAT9651004	4x(2x0.15)C	10.5	10
TPE	CAT9551004	(4x(2x0.15)C)C	10.5	12.5
Telegärtner CAT6$_A$ connector				
PUR-ROBOT	CAT9651005	4x(2x0.15)C	10.5	10
TPE	CAT9551005	(4x(2x0.15)C)C	10.5	12.5



* This cable must be stripped before the connector and covered with a shrink-on tube so that the patch plug can be fitted.

Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
G= with green-yellow earth corex= without earth core

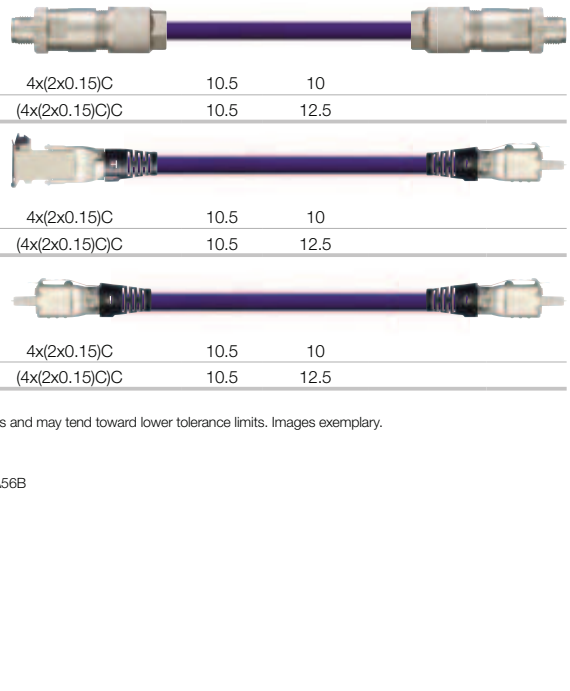
Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

Harnessed CAT7 cables

Technical information **PUR** ▶ **Page** 182

● Technical information **TPE** ▶ Page 186

Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius [x d]
Phoenix Contact CAT6$_A$ connector (M12 x-coded)				
PUR-ROBOT	CAT9651009	4x(2x0.15)C	10.5	10
TPE	CAT9551009	(4x(2x0.15)C)C	10.5	12.5
Module PS-Tera/ Connector PS-Tera				
PUR-ROBOT	CAT9651010	4x(2x0.15)C	10.5	10
TPE	CAT9551010	(4x(2x0.15)C)C	10.5	12.5
Connector PS-Tera/ Connector PS-Tera				
PUR-ROBOT	CAT9651011	4x(2x0.15)C	10.5	10
TPE	CAT9551011	(4x(2x0.15)C)C	10.5	12.5



Note: The mentioned outer diameters are maximum values and may tend toward lower tolerance limits. Images exemplary.
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Harnessing **RJ45 on both ends** ▶ TIA56A
Harnessing **one end RJ45/one end M12 x-coded** ▶ TIA56B

Network CAT7

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