

## Harnessed Profinet cables

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Jacket	igus® Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter [mm]	Bend radius [x d]
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### Yamaichi Profinet connector



PVC	CAT9161001	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361001	(4x0.38)C	7.0	12.5
iguPUR	CAT9261001	(4x0.38)C	7.0	15
PUR	CAT9461001	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661001	(2x(2x0.34))C	8.5	10
TPE	CAT9561001	(4x0.38)C	7.5	12.5

### Harting Profinet connector



PVC	CAT9161002	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361002	(4x0.38)C	7.0	12.5
iguPUR	CAT9261002	(4x0.38)C	7.0	15
PUR	CAT9461002	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661002	(2x(2x0.34))C	8.5	10
TPE	CAT9561002	(4x0.38)C	7.5	12.5

### Harting Profinet connector



PVC	CAT9161003	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361003	(4x0.38)C	7.0	12.5
iguPUR	CAT9261003	(4x0.38)C	7.0	15
PUR	CAT9461003	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661003	(2x(2x0.34))C	8.5	10
TPE	CAT9561003	(4x0.38)C	7.5	12.5

### Telegärtner Profinet connector



PVC	CAT9161004	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361004	(4x0.38)C	7.0	12.5
iguPUR	CAT9261004	(4x0.38)C	7.0	15
PUR	CAT9461004	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661004	(2x(2x0.34))C	8.5	10
TPE	CAT9561004	(4x0.38)C	7.5	12.5

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

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

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### Telegärtner Profinet connector



PVC	CAT9161005	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361005	(4x0.38)C	7.0	12.5
iguPUR	CAT9261005	(4x0.38)C	7.0	15
PUR	CAT9461005	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661005	(2x(2x0.34))C	8.5	10
TPE	CAT9561005	(4x0.38)C	7.5	12.5

### Telegärtner Profinet connector/ M12 Profinet connector (x-coded)



PVC	CAT9161006	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361006	(4x0.38)C	7.0	12.5
iguPUR	CAT9261006	(4x0.38)C	7.0	15
PUR	CAT9461006	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661006	(2x(2x0.34))C	8.5	10
TPE	CAT9561006	(4x0.38)C	7.5	12.5

### Telegärtner M12 Profinet connector (x-coded)



PVC	CAT9161007	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361007	(4x0.38)C	7.0	12.5
iguPUR	CAT9261007	(4x0.38)C	7.0	15
PUR	CAT9461007	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661007	(2x(2x0.34))C	8.5	10
TPE	CAT9561007	(4x0.38)C	7.5	12.5

### Telegärtner and Binder Profinet connector (d-coded)



PVC	CAT9161008	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361008	(4x0.38)C	7.0	12.5
iguPUR	CAT9261008	(4x0.38)C	7.0	15
PUR	CAT9461008	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661008	(2x(2x0.34))C	8.5	10
TPE	CAT9561008	(4x0.38)C	7.5	12.5

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### Telegärtner and Binder Profinet connector (RJ45/M12 d-coded)



PVC	CAT9161009	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361009	(4x0.38)C	7.0	12.5
iguPUR	CAT9261009	(4x0.38)C	7.0	15
PUR	CAT9461009	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661009	(2x(2x0.34))C	8.5	10
TPE	CAT9561009	(4x0.38)C	7.5	12.5

### Phoenix Contact Profinet connector



PVC	CAT9161012	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361012	(4x0.38)C	7.0	12.5
iguPUR	CAT9261012	(4x0.38)C	7.0	15
PUR	CAT9461012	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661012	(2x(2x0.34))C	8.5	10
TPE	CAT9561012	(4x0.38)C	7.5	12.5

### Phoenix Contact Profinet connector (x-coded)



PVC	CAT9161014	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361014	(4x0.38)C	7.0	12.5
iguPUR	CAT9261014	(4x0.38)C	7.0	15
PUR	CAT9461014	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661014	(2x(2x0.34))C	8.5	10
TPE	CAT9561014	(4x0.38)C	7.5	12.5

### Siemens Profinet connector



PVC	CAT9161015	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361015	(4x0.38)C	7.0	12.5
iguPUR	CAT9261015	(4x0.38)C	7.0	15
PUR	CAT9461015	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661015	(2x(2x0.34))C	8.5	10
TPE	CAT9561015	(4x0.38)C	7.5	12.5

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### Siemens Profinet connector



PVC	CAT9161016	(4x0.38)C	7.0	15
PVC, oil-resistant	CAT9361016	(4x0.38)C	7.0	12.5
iguPUR	CAT9261016	(4x0.38)C	7.0	15
PUR	CAT9461016	(4x0.38)C	7.0	12.5
PUR-ROBOT	CAT9661016	(2x(2x0.34))C	8.5	10
TPE	CAT9561016	(4x0.38)C	7.5	12.5

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